

20000127.qrp v01_n713.qrl.20000127

Date: Thu, 27 Jan 2000 19:03:09 EST

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1713

QRP-L Digest 1713

Topics covered in this issue include:

- 1) [61368] Re: 160 RFI Sources
by Robert McConnell <rmcconne@lightlink.com>
- 2) [61369] RE: 160 RFI Sources
by "Andreas Junge" <andreas@OpenGrid.com>
- 3) [61370] ARCI vote
by K4NK@aol.com
- 4) [61371] PC power supplies
by "Eddie" <Eddie@nac.net>
- 5) [61372] HB:Dan's Kits Centennial Transceiver?
by "Vincent Ferme" <vferme@sprint.ca>
- 6) [61373] Re:WM-2 accuracy
by sholisky@ktca.org (Scott Holisky)
- 7) [61374] SPRAT CD.
by "Vincent Ferme" <vferme@sprint.ca>
- 8) [61375] Re: Building the Emtech NW-40
by Scott Gregson - KC7MAS <emtech@steadynet.com>
- 9) [61376] FA: Heath HW-8 with mods
by RLucch2098@aol.com
- 10) [61377] Re: 160 RFI Sources
by George F Franklin <w0av@juno.com>
- 11) [61378] OT: 1957 Callbook
by "Paul Conant" <wq5x@hotmail.com>
- 12) [61379] Re: SPRAT CD.
by Henry Freedenberg <henryf@quartz.gly.fsu.edu>
- 13) [61380] Re: SPRAT CD.
by "Vincent Ferme" <vferme@sprint.ca>
- 14) [61381] Which Kit?
by "Richard Clemens" <clemens@wvwc.edu>
- 15) [61382] FS: Handbooks and etc, update
by Monte Stark <ku7y@dri.edu>
- 16) [61383] rock n roll gossip, yo!
by sergio <sruiz@bright.net>
- 17) [61384] Kit TT2 PCB
by "Richard Matthews" <prm@hiwaay.net>
- 18) [61385] yowzers! sorry kids!
by sergio <sruiz@bright.net>
- 19) [61386] Re: yowzers! sorry kids!

- by Nv4t@aol.com
- 20) [61387] KIT: TT2 PCB
by "Richard Matthews" <prm@hiwaay.net>
 - 21) [61388] Re: Small Transportable Antenna
by Charles R Greene <cgreene7@juno.com>
 - 22) [61389] My 6M ignorance
by "Paul Harden, NA5N" <na5n@rt66.com>
 - 23) [61390] Re: Small Transportable Antenna
by "Morrow, Michael A." <mamorrow@tva.gov>
 - 24) [61391] AEA Crystals
by "Scott E. Olitsky" <solitsky@acsu.buffalo.edu>
 - 25) [61392] Message from Kanga Products
by John Fletcher <johnf@innotts.co.uk>
 - 26) [61393] Re: Antenna Height Restrictions
by "Rick Tavan" <tavan@tibco.com>
 - 27) [61394] Re: FA: Heath HW-8 with mods
by Norm Melick <henmel@worldnet.att.net>
 - 28) [61395] Re: Antenna Height Restrictions
by "Alan Kaul" <alan.kaul@worldnet.att.net>
 - 29) [61396] re: which kit
by Mike Srock <msrock@ufc.com>
 - 30) [61397] RE: Gold Mercury Paddle
by "Brian J Keegan" <brimail@home.com>
 - 31) [61398] Re: which kit
by John F Rayfield <kr0y@juno.com>
 - 32) [61399] Small Transportable Antenna & Banannas
by Karl Kanalz <KKanalz@excel.com>
 - 33) [61400] portable vertical antenna stuff
by Nils R Young <nilsbull@juno.com>
 - 34) [61401] OT: QRP RS ALERT
by w4bws@juno.com
 - 35) [61402] Re: My 6M ignorance
by Curt Milton <wb8yyy@yahoo.com>
 - 36) [61403] Re: My 6M ignorance
by "Paul R. Valko" <prvalko@oakland.edu>
 - 37) [61404] HW-7 aquisition/mods?
by Greg Weinfurtner <weinfurt@oak.cats.ohiou.edu>
 - 38) [61405] Get on 6M QRP cheap and easy...
by "Paul R. Valko" <prvalko@oakland.edu>
 - 39) [61406] Comfortable headphones ?
by "Alex" <aturner13@mindspring.com>
 - 40) [61407] CONTEST: This Weekend QRP Contest Calendar
by Ken Newman <N2CQ@citnet.com>
 - 41) [61408] Re: My 6M ignorance
by "Chuck Carpenter" <w5usj@globeco.net>
 - 42) [61409] Re: [GQRP] Returning to HELL again ;)
by af852@rgfn.epcc.edu (William R Colbert)
 - 43) [61410] Where do I Download HAMCALC by VE3ERP?

by Philip Karras <ke3fl@yahoo.com>
44) [61411] Re: My 6M ignorance
by "Caitlyn M. Martin" <caitlyn@netferrets.net>
45) [61412] QRM
by Monte Stark <ku7y@dri.edu>
46) [61413] Re: Comfortable headphones ?
by "Tom Hybiske" <hybiske@generalatronics.com>
47) [61414] Re: My 6M ignorance
by "Richard E. Robinson" <rerobins@email.uncc.edu>
48) [61415] Re: QRM
by Shepherd@aol.com
49) [61416] RE: QRM
by Fairbairn Bob-C12509 <C12509@NAmerica.mot.com>
50) [61417] Re: QRM
by Roy <marion@montana.com>
51) [61418] SRAM solution
by "Wyman, Michael D" <michael.d.wyman@intel.com>
52) [61419] QRM/QRN from ISDN
by "Kevin Muenzler, WB5RUE" <wb5rue@stic.net>
53) [61420] Re: Where do I Download HAMCALC by VE3ERP?
by Dean W Manley <kh6b@juno.com>
54) [61421] Re: Small Transportable Antenna
by Dean W Manley <kh6b@juno.com>
55) [61422] 6m QRP
by Roy <marion@montana.com>
56) [61423] WTB: T2 (not TT2)
by Roger Traylor <traylor@ECE.ORST.EDU>
57) [61424] HB: KR5L CW Tone Decoder; 3-t 10K pots needed for RH40/NC20
by Allan G Taylor <agtaylor@llnl.gov>
58) [61425] Re: My 6M ignorance
by Zack Lau <zlau@arrl.org>
59) [61426] Re: Comfortable headphones ?
by Joseph Trombino Jr <joebarb@wilmington.net>
60) [61427] QRM on the Bands or QRO?
by Roger Traylor <traylor@ECE.ORST.EDU>
61) [61428]
by Lee Pruitt <pruitt@totacc.com>
62) [61429] Re: My 6M ignorance (long)
by Frank Alwine <n1gpy@together.net>
63) [61430] Re: My 6M ignorance
by Curt Milton <wb8yyy@yahoo.com>
64) [61431] Re: QRM
by Curt Milton <wb8yyy@yahoo.com>
65) [61432]
by Sam_Stimson@Dell.com
66) [61433] Re: My 6M ignorance
by Michael Neverdosky <mneverdosky@earthlink.net>
67) [61434] Re: QRM

- by "Mike Yetsko" <myetsko@insydesw.com>
- 68) [61435] POQET logging (Re: SRAM solution)
by Charles Kadesch <chas@digizen.net>
- 69) [61436] Re: QRM
by "John Moriarity" <k6qq@hdo.net>
- 70) [61437] WE6W Resonant Speaker Project.
by Ed Loranger <we6w@qsl.net>
- 71) [61438] Re: POQET logging (Re: SRAM solution)
by "Mike Yetsko" <myetsko@insydesw.com>
- 72) [61439] Re: FA: Heath HW-8 with mods
by "Randy Randall" <RANDALLR@Healthall.com>
- 73) [61440] PC power supplies
by "Brad Hernlem" <alihernlem@hotmail.com>
- 74) [61441] QRQ Net Practice Sentences
by Ed Loranger <we6w@qsl.net>
- 75) [61442] Fw: St. Max
by "Mel Evans, Registered Arachne User" <mel@euramcom.freemove.co.uk>
- 76) [61443] OT...Contoured Freq Response Headphones
by Dave Barrett <DBarrett@creo.com>
- 77) [61444] Re: Which is best chargeable Battery Pack!
by "Randy Randall" <RANDALLR@Healthall.com>
- 78) [61445] HB audio freq DDS
by "Steven Weber" <kd1jv@moose.ncia.net>
- 79) [61446] Re: WE6W Resonant Speaker Project.
by Bruce Kizerian <kizerian@ced.utah.edu>
- 80) [61447] Shareware
by Sam_Stimson@Dell.com
- 81) [61448] re: pc power supplies
by Mike Srock <msrock@ufc.com>
- 82) [61449] Lightning Protection
by Davewb4@aol.com
- 83) [61450] Contest Calendar 2000 for QRP
by "Ron Polityka" <wb3aal@talon.net>
- 84) [61451] Re: My 6M ignorance
by K2UD@aol.com
- 85) [61452] Re: Lightning Protection
by "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
- 86) [61453] FOX Alert: Final Warning
by "Franco, Nicholas J" <franco@bnl.gov>
- 87) [61454] Re: WE6W Resonant Speaker Project.
by Ed Loranger <we6w@qsl.net>
- 88) [61455] WBL Paddles and de Fox
by Monte Stark <ku7y@dri.edu>
- 89) [61456] Trade Argosy II for microscope
by n2go@arrl.net
- 90) [61457] Question abt 160M & snow cover
by Jim Hale <kj5tf@yahoo.com>

Date: Wed, 26 Jan 2000 19:08:39
From: Robert McConnell <rmcconne@lightlink.com>
To: w5usj@globeco.net
Cc: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [61368] Re: 160 RFI Sources
Message-ID: <3.0.6.16.20000126190839.087f4daa@pop.lightlink.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Got any light dimmers or ceiling fan speed controls?

Bob McConnell
N2SPP

At 01:48 PM 1/26/00 -0600, Chuck Carpenter wrote:

>QRPLers and all,
>
>For some time, I've been hearing a couple of raspy-sounding carriers around
>1809 and 1811. They sound like square-wave generated signals and drift
>around a bit.
>
>I started unplugging things and found one of them. It was the switching
>power supply for my laptop plugged in at my radio station. The other one
>is still there. Unplugging everything in the house except the radio
>station didn't help. I can also disconnect the antenna and the carrier
>goes away.
>
>When I plugged in my electric shaver to charge it, I found another one.
>This one changed frequency rapidly and swept through the frequency I was
>listening to. This charger also generates considerable RFI on Six meters.
>I had found this one before when I thought I was getting interference from
>an electric fence. I went outside with an antenna and receiver and found
>the source was in my house.
>
>I've also found that my central heating system causes RFI. I can't tell
>whether it's coming from the control circuits inside the central unit or
>from the electronic thermostat.
>
>Anyway, I can't seem to localize the remaining carrier that I hear around
>1809 which is quite broad. I can eliminate most of its effect by using the
>narrow filter. It's still there outside the filter though and creating
>additional problems by adding to the atmospheric and power line noise.
>
>Any ideas and/or suggestions greatly appreciated.
>
>

>
>Chuck Carpenter, EM22cv, Point, Rains County, Texas
>
>

Date: Wed, 26 Jan 2000 16:23:35 -0800
From: "Andreas Junge" <andreas@OpenGrid.com>
To: <rmcconne@lightlink.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [61369] RE: 160 RFI Sources
Message-ID: <MFEOKMHFGOMOE0JFJILACEOKCDAA.andreas@opengrid.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: 7bit

What about touch-lamps ...

Andreas, N6NU
Menlo Park, CA

-----Original Message-----
From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of Robert McConnell
Sent: Wednesday, January 26, 2000 7:09 PM
To: Low Power Amateur Radio Discussion
Subject: Re: 160 RFI Sources

Got any light dimmers or ceiling fan speed controls?

Bob McConnell
N2SPP

At 01:48 PM 1/26/00 -0600, Chuck Carpenter wrote:

>QRPLers and all,
>
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>1809 and 1811. They sound like square-wave generated signals and drift
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>power supply for my laptop plugged in at my radio station. The other one
>is still there. Unplugging everything in the house except the radio
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>an electric fence. I went outside with an antenna and receiver and found
>the source was in my house.
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>1809 which is quite broad. I can eliminate most of its effect by using the
>narrow filter. It's still there outside the filter though and creating
>additional problems by adding to the atmospheric and power line noise.
>
>Any ideas and/or suggestions greatly appreciated.
>
>
>
>Chuck Carpenter, EM22cv, Point, Rains County, Texas
>
>

Date: Wed, 26 Jan 2000 19:29:53 EST
From: K4NK@aol.com
To: qrp-1@lehigh.edu
Subject: [61370] ARCI vote
Message-ID: <e6.bf5726.25c0eb81@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Yes Sir...Voting on line sure is easy. If you have not voted yet go to the
ARCI web page and check it out.

72 Les K4NK

Date: Wed, 26 Jan 2000 19:33:52 -0500
From: "Eddie" <Eddie@nac.net>
To: <qrp-1@Lehigh.Edu>
Subject: [61371] PC power supplies

Message-ID: <001801bf685e\$300df9a0\$20747bd1@eddiepc>

Has anyone converted a PC power supply for use in ham operation that can describe to me how to do this please? Also does any one know who sells 50 amp stud diodes?

Date: Wed, 26 Jan 2000 19:50:46 -0500
From: "Vincent Ferme" <vferme@sprint.ca>
To: <qrp-l@lehigh.edu>
Subject: [61372] HB:Dan's Kits Centennial Transceiver?
Message-ID: <009401bf6860\$8ce48980\$30746395@vince>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: 7bit

Hi,

There was a message on the GQRP list about the EP-3. It said the PCB was undergoing minor and final changes and the tentative date for release (kitting) is summer.

73 de Vince, VA3VF (ex-VE3VFN)

----- Original Message -----
From: <K2UD@aol.com>

If you wish to build a "performing" 75M SSB QRP rig, look back in QRPP for the Epiphyte or Epiphyte 2 (there even exists an EP-2B PCB). Or wait for the Epiphyte 3 to be kitted by NorCal (when?).

Date: Wed, 26 Jan 2000 18:51:14 -0600
From: sholisky@ktca.org (Scott Holisky)
To: qrp-l@lehigh.edu
Subject: [61373] Re:WM-2 accuracy
Message-ID: <fc.000f548a00560af5000f548a00560af5.560b09@ktca.org>

MIME-Version: 1.0
Content-type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 8bit

Hi Rod - I'd suspect you've got something going on there with your wattmeter. When I finished mine, I took it in a compared it against new HP power meter...drum roll... it was so close to the readings that I didn't bother to do a calibration chart. So the unscientific answer is "it didn't show on my radar".

I know a dB here or there isn't going to make or break the qso count, but like you it's nice to be in the ballpark.

Hope this helps.

73's - Scott N0AR

Vadnais Heights, MN

Date: Wed, 26 Jan 2000 19:55:39 -0500
From: "Vincent Ferme" <vferme@sprint.ca>
To: <qrp-1@lehigh.edu>
Subject: [61374] SPRAT CD.
Message-ID: <00ba01bf6861\$3b62a460\$30746395@vince>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Group,

Received my copy today. Excellent searching capabilities. Very good value, IMHO. It contains issues 1-100 of the G-QRP-C Newsletter in PDF format. For additional info go to: www.funkamateur.de .

73 de Vince, VA3VF (ex-VE3VFN)

Date: Wed, 26 Jan 2000 17:09:13 -0800
From: Scott Gregson - KC7MAS <emtech@steadynet.com>
To: bravado@angelfire.com, qrp-l <qrp-l@lehigh.edu>
Subject: [61375] Re: Building the Emtech NW-40
Message-ID: <388F9AB9.1476D9C6@steadynet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Harsa,

If you need specific help you can email me and or post the the forum at:

<http://emtech.steadynet.com/forum/bforum.mv>

I will walk you through building it.

Up until you get to the alignment the hardest thing is winding the toroids, there is a tutorial on the above listed forum.

I might be going to SeaPac in Seaside, if you are still working on your rig you could bring it and we could give it a once-through.

~Scott

Harsha K wrote:

>
> Hi All,
>
> Thank you very much once again for the overwhelming response to my posting and for everyone who offered to help me out in case I had any questions/ran-into problems while building the NW40 kit (which right now is collecting dust in my living room). Unfortunately I did not get any specific info on any web site/URL that anyone has put up to
> share their experience of building the NW40
> (in stark contrast to several useful info
> resources availble for someone building the DSW
> kits for starters like me). Also, none of the
> responses came from anyone here in Oregon.
>
> Oh boy, have I had a hard time trying to find
> an "elmer" here in Oregon ! I wonder now if
> the NW40 was a good choice at all for someone

> building their very first xcvr !
>
> Anyway, thanks to all for offering to help with
> the questions.
>
> 73s,
> Harsha
>
> Angelfire for your free web-based e-mail. <http://www.angelfire.com>

--

Scott Gregson - KC7MAS
emtech@steadynet.com
<http://emtech.steadynet.com>
+++++
Scott Gregson Co. / Emtech / CFC
1127 Poindexter Ave W
Bremerton, WA 98312

Date: Wed, 26 Jan 2000 20:13:03 EST
From: RLucch2098@aol.com
To: qrp-l@lehigh.edu
Subject: [61376] FA: Heath HW-8 with mods
Message-ID: <17.ffc8a3.25c0f59f@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

I put a real nice Heathkit HW-8 on Ebay, there is no reserve and has pictures.
This notice is for interested parties, others need not reply!
<http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=244716711>
Thanks es 73....Rich WA2RQY (1961)
WA2RQY's "confusion Radio" Web-Page
[Http://members.aol.com/rlucch2098/index.html](http://members.aol.com/rlucch2098/index.html)
RLUCCH2098@aol.com
"Keep those heaters on"

Date: Wed, 26 Jan 2000 18:42:19 -0600
From: George F Franklin <w0av@juno.com>
To: andreas@OpenGrid.com
Cc: qrp-l@Lehigh.EDU
Subject: [61377] Re: 160 RFI Sources
Message-ID: <20000126.184253.-72121.1.w0av@juno.com>
MIME-Version: 1.0

Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Hi Gang,

Speaking about strange signals on 160, does anyone know the source of the very strong (nighttime) data signals from about 1945 to 1975 KHz?

They usually peak well above S9 here in KC M0, but only after dark.

Just curious.

72 de George/W0AV
160M since 1935

Date: Wed, 26 Jan 2000 19:34:02 CST
From: "Paul Conant" <wq5x@hotmail.com>
To: qrp-1@lehigh.edu
Subject: [61378] OT: 1957 Callbook
Message-ID: <20000127013402.60586.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Sorry for the OT request. Does anyone out there have a callbook from around 1952 to 1957? I am looking for one that lists W5GEH from that era. This is for my Dad. He doesn't need the book, just proof of it. Your help with a photocopy would be very welcome.

73,

Paul, WQ5X

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Wed, 26 Jan 2000 21:41:55 -0500
From: Henry Freedenberg <henryf@quartz.gly.fsu.edu>
To: vferme@sprint.ca
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [61379] Re: SPRAT CD.
Message-ID: <388FB071.9857851F@quartz.gly.fsu.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Now I'm confused (as usual). Is the material on the CD in English or German or both?

Henry

Date: Wed, 26 Jan 2000 20:59:14 -0500
From: "Vincent Ferme" <vferme@sprint.ca>
To: <henryf@quartz.gly.fsu.edu>
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [61380] Re: SPRAT CD.
Message-ID: <011101bf686a\$1d708a40\$30746395@vince>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: 7bit

Henry,

The material is in English. Funkamateurl is the publisher of the CD and is located in Germany. They also publish the German Ham Magazine and a QSL-Route CD.

73 de Vince, VA3VF.

----- Original Message -----

From: "Henry Freedenberg" <henryf@quartz.gly.fsu.edu>

Now I'm confused (as usual). Is the material on the CD in English or German or both?

Henry

Date: Wed, 26 Jan 2000 21:49:34 -0500
From: "Richard Clemens" <clemens@wvwc.edu>
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [61381] Which Kit?
Message-ID: <02483337278190@wvwc.edu>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

DSW-XX or OHR-100A XX or ???

--

clemens@wwwc.edu

Date: Wed, 26 Jan 2000 19:10:57 -0800 (PST)
From: Monte Stark <ku7y@dri.edu>
To: Low Power Amateur Radio <qrp-1@Lehigh.EDU>
Subject: [61382] FS: Handbooks and etc, update
Message-ID: <Pine.GS0.4.10.10001261902550.13482-1000000@rotor.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi All,

Several items have been sold. Here is a list of what is left. If you would like something please make an offer. The only people that have been turned down are those who wanted something that was already gone!

FWIW.....some of the later offers were for more money than the earlier ones....pays to move with the speed of light!

I still have:

Hints & Kinks,

1968 Make offer
11th edition Make offer
13th edition Make offer

Modern Antenna Design, Millgan
1985 Make offer

Transistor Theory and Circuits Made Simple, Harvey Pollack
1958 Make offer

T.I. Liner Circuits Data Manual
1992 Make offer

Applying Microprocessors, Electronics Magazine Book Series
1976 Make offer

VHF Propagation Handbook, Stewart, WA4MVI
1982 Make offer

Radio Shack Tube Substitution Handbook
1980 Make offer

Everything to be + shipping. Some things will go in a priority mail envelope for \$3.20 while others will be more. I'll let you know the postage after I mail them. (You send a check either after I let you know what the mailing cost was or after you get the item and are satisfied, your call).

I'm sure I'll uncover more as I dig through the box's.

(Might even have a Post Versalog slide rule around someplace. I found one of the books I used to try and figure it out back in 1958!)

I'm not trying to get rich here folks, so feel free to offer whatever something seems like it's worth to you.

I would price them all but I have NO IDEA what they are worth!

Thanks for the BW....

--

73, Ron, KU7Y

NRA Life-----Ex W6JX0, DL4RF, N7CRV-----SOWP #5545-M
QRP ARCI #8829----NorCal #330----QRP-L #17-----ARS #49
AR QRP #150-----DM09cg-----New Washoe City, NV

Date: Wed, 26 Jan 2000 22:47:30 -0500
From: sergio <sruiz@bright.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [61383] rock n roll gossip, yo!
Message-ID: <388FBFD2.C7BE8627@bright.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

everyone get a move on...

i need all your down and dirty rock n roll gossip by no later than noon tomorrow.. the issue goes to press at 3:00..

if you can't get it to me by then, consider your dirty laundry unaired!

--

peace,
sergio
<http://www.bright.net/~sruiz> - "the village buzz"
"quoting other people is really lame and unoriginal..." -sergio

Date: Wed, 26 Jan 2000 21:48:39 -0600
From: "Richard Matthews" <prm@hiwaay.net>
To: "q" <qrp-1@Lehigh.edu>
Subject: [61384] Kit TT2 PCB
Message-ID: <004e01bf6879\$66d79840\$6f85150c@scottsboro.org>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have an extra Norcal Tuna Tin 2 Rev A round printed circuit board that I will gladly mail to the first ham that emails me with their name and shipping address.

The Tun Tin 2 cw transmitters are a lot of fun and I just made a 2400 mile per watt contact (30 minute QSO) on mine and it is a thrill everytime.

OK guys go for it

73, Richard, WA4NWW

Date: Wed, 26 Jan 2000 22:50:33 -0500
From: sergio <sruiz@bright.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [61385] yowzers! sorry kids!
Message-ID: <388FC089.6C28842A@bright.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

that message was meant for the reflector i run for my magazine..

i must have messed up somewhere..

sorry!

i totally apologize to any rock n roll haters..

it won't happen again...

sorry!

--

peace,
sergio

<http://www.bright.net/~sruiz> - "the village buzz"

"quoting other people is really lame and unoriginal..." -sergio

Date: Wed, 26 Jan 2000 22:54:21 EST
From: Nv4t@aol.com
To: sruiz@bright.net, qrp-1@lehigh.edu
Subject: [61386] Re: yowzers! sorry kids!
Message-ID: <67.1065cb6.25c11b6d@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Naw!!!!, Ilove "Stumble and Barf"!

Date: Wed, 26 Jan 2000 22:10:50 -0600
From: "Richard Matthews" <prm@hiwaay.net>
To: "q" <qrp-1@Lehigh.edu>
Subject: [61387] KIT: TT2 PCB
Message-ID: <007201bf687c\$7fc1bd60\$6f85150c@scottsboro.org>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Sorry guys, the TT2 board is on it's way to Texas

I'll look for you on 7040 Paul

73,

WA4NWW, Richard

Date: Wed, 26 Jan 2000 23:45:34 EST
From: Charles R Greene <cgreene7@juno.com>
To: EHolt12334@aol.com
Cc: qrp-1@Lehigh.EDU
Subject: [61388] Re: Small Transportable Antenna
Message-ID: <20000127.000001.-311409.1.cgreene7@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Bill,

What the 85' with the 17' counterpoise is, is a W3EDP antenna.
The theory is covered in Practical Wire Antennas by John Heys, G3BDQ.
He describes the ant as a 68' end fed zepp, with the counterpoise and
17' of antenna acting as the feed line. However, on an end-fed zepp,
there is no radiation from the feed line; in this case, there is. Les
Moxon
addresses the antenna under "Feeding the odd bit of wire" in his book,
HF Antennas For All Locations, and simply
states that the counterpoise can be short until the antenna approaches
1/4 or
a multiple thereof, in which case the counterpoise needs to be on the

order

of 1/8 wave length. A friend of mine who is into antennas said that it is just an off-center fed antenna, like a Windom, which covers the case where there is radiation from the entire 85' length.

To answer your question. If you feed it with coax, it no longer is the W3EDP antenna, if that matters. Will it work? Why not? Try it and see. My guess is that it will only load when it is a 1/2 or multiple

there of, in which case you have an end fed zepp fed with coax as the feed line. The loss will be higher, and you may find the antenna tuner does not have enough range of adjustment to load it properly. If I were you, I'd stick to the original configuration. Use a 4:1 balun at the intersection of the 17' and 85' and feed the balun with coax from the antenna tuner. To minimize losses in the coax, keep it short because there will be standing waves on it. If you had an antenna tuner with a balanced output, that would work fine too. You could also try feeding it with a short piece of coax to the intersection of the 17' and 85' section. There will be higher voltages on the coax this way and the losses will be higher, and again, the antenna tuner may not have enough range of adjustment to load it properly. I never tried this method of feeding it. Try it, and let us know how it works.

On Wed, 26 Jan 2000 16:51:20 EST EHolt12334@aol.com writes:

> Hi Gang,
> Even though I have been monitoring the Thread for a few months and
> enjoy the
> discussions immensely, this is my first post. I have a trip coming
> up soon
> to the great northwest and would like to take along my rig. I am
> not going
> to have much room so I thought I would just take along my SW-20 rig
> with a
> MFJ 16010 Tuner and key. To keep the size of the antenna down, I
> have opted
> for a random wire.
> I have run this set up before, 85 feet wire with 17feet of
> counterpoise
> with some success. Since the tuner has the PL-259 connections only
> I was
> giving some thought to rigging up a 17 feet peice of RG-58 and
> splice in a
> random wire to the center connector to complete the 85 foot random
> wire and
> let the ground braid of the RG-58 (Not terminated) act as the
> counterpoise.

> Has anyone ever tried this with any success? Don't know the theory
> behind
> it, and would appreciate any comments if someone does. My thinking
> is there
> may be some differences in the lengths or that the counterpoise may
> render
> the whole thing ineffecient. Any comments would be appreciated.
> 73 DE Bill, AB5XQ, QRP-L #2051

Charles Greene
Amateur Call W1CG
Bristol, RI

Date: Wed, 26 Jan 2000 22:43:43 -0700 (MST)
From: "Paul Harden, NA5N" <na5n@rt66.com>
To: qrp-l@lehigh.edu
Subject: [61389] My 6M ignorance
Message-ID: <Pine.SUN.4.10.10001262226430.6717-1000000@shell.rt66.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Gang,
Been a ham since 1964, and to my recollection, I have never put a carrier on 6M. I bring this up because I am currently illustrating Jim Kortge's (K8IQY) latest work of art, his 2N2/6 transverter, for the next QRPP. And it dawned on me, I know nothing about operating CW on 6M, and kinda anxious to try out Jim's 2N2/6 before I return it to him. Who knows, I might get turned on to 6M and want to build my own. Then it also dawned on me that maybe lots of other QRPers are as ignorant about 6M as I am and would like to know more about it as well.

So for those of you who have some 6M QRP experience, how about sharing it with us? What frequencies are used on 6M for CW contacts? Is there a QRP hangout? Any special procedure for calling CQ or answering other than what's typical on the HF bands? What times of the day have you found the best for propagation as well as general activity? What aerials do you like? And what's the gig with this grid square thing, anyhow? Or how many *would* be interested in 6M if they had the gear and the know how to do it?

Feel free to email me directly, or post it to the group. Or if you'd like, write a short article (somewhere between 1-8 pages -hi) for the special 6M issue of QRPP and we'll be glad to include it. I know it's one of our neglected bands, and perhaps us QRPers need to learn more about it and learn to use it. I'm sure many on QRP-L and subscribers to QRPP would appreciate you sharing your experiences and expertise.

Thanks in advance.

72, Paul NA5N
50MHz or Bust

Date: Thu, 27 Jan 2000 00:59:17 -0500
From: "Morrow, Michael A." <mamorrow@tva.gov>
To: "'EHolt12334@aol.com'" <EHolt12334@aol.com>
Cc: "'qrp-1@lehigh.edu'" <qrp-1@lehigh.edu>
Subject: [61390] Re: Small Transportable Antenna
Message-ID: <A4880B68BD08D011B8580000F8014A4904A6E7D3@mshbfnois1b.cha.tva.gov>
MIME-Version: 1.0
Content-Type: text/plain

On Wed, 26 Jan 2000 16:51:20 EST EHolt12334@aol.com writes:

> I am not going to have much room so I thought I would just take along
> my SW-20 rig with a MFJ 16010 Tuner and key. To keep the size of the
> antenna down, I have opted for a random wire. I have run this set up
before,
> 85 feet wire with 17feet of counterpoise ...

Bill,

Excuse me if I'm missing part of the picture, but if you're only going to operate on 20 meters, wouldn't a simple coax-fed 33 foot dipole be your best bet. Feed it with light RG-58, skip the balun, and you should be able to fit it in to less space, stowed OR extended, than what you propose. It'll be resonant, and you might be able to ditch the tuner, small though that is. Who cares if the SWR is 2 or so.

I've experimented with every kind of wire antenna imaginable for portable/camping/backpack use over the last 22 years, and I'm convinced that nothing works as well as a resonant dipole, with or without balun. I currently use a balun-less 42 foot dipole with jumper-able PVC-pipe insulator spacers at the proper intervals to cover every ham band between 10 to 30 meters when operating portable. I also have "stingers" I can attach if space allows for 40m operation. Works great. When it is rolled up it will fit into a pocket, except for the coax.

73, Mike / KK5F

Date: Wed, 26 Jan 2000 23:04:05 -0500
From: "Scott E. Olitsky" <solitsky@acsu.buffalo.edu>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [61391] AEA Crystals
Message-ID: <002c01bf687b\$94ea1c60\$414d3018@olitsky.buf.adelphia.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Has anyone had crystals made up for a DX-Handy 10 meter HT. I would like to re-crystal the one that I just bought for the CW sub-band but need some specifics on the crystal to order

Thanks

Scott

Date: Thu, 27 Jan 2000 07:22:18 GMT
From: John Fletcher <johnf@innotts.co.uk>
To: "G QRP Club" <gqrp@onelist.com>
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [61392] Message from Kanga Products
Message-ID: <200001270722.HAA24690@carlton.innotts.co.uk>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hello all,

I can now access my Kanga mail again, but domestic duties still have to take priority and there will still be delays in processing orders for a while.

I hope you will bear with me until things are back to "normal".

73,

John G4EDX

Kanga Products

Date: Wed, 26 Jan 2000 23:32:24 -0800
From: "Rick Tavan" <tavan@tibco.com>
To: dandoooley@pipeline.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [61393] Re: Antenna Height Restrictions
Message-ID: <388FF488.75DBE39E@tibco.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

According to a well-known ham/attorney who has some experience with PRB-1, "reasonable accomodation" probably permits a 35 foot limit provided there is a documented process for requesting a waiver. No guarantee is required that any waivers will ever be granted. I didn't like that answer, but there it is.

/Rick N6XI

"Dan W. Dooley" wrote:

>
> With reading so much of PRB-1 and the statement "reasonable accommodation",
> I'm wondering how this can be translated into real world applications and
> not be simply legal "statements" which are theoretically neat, but mean
> little otherwise.

Date: Thu, 27 Jan 2000 00:08:34 -0800
From: Norm Melick <henmel@worldnet.att.net>
To: unlisted-recipients;; (no To-header on input)
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [61394] Re: FA: Heath HW-8 with mods
Message-ID: <388FFD02.4B036B9B@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

RLucch2098@aol.com wrote:

>
> I put a real nice Heathkit HW-8 on Ebay, there is no reserve and has pictures.
> This notice is for interested parties, others need not reply!

Most of us follow E-bay, rec.radio.swap,
rec.radio.amateur.equipment, etc.
Please post your adds over there, and stop using this list
to start bidding wars on merchandise you purchase for re
sell.

Thank you.

Norm Melick/KQ6SD

Date: Thu, 27 Jan 2000 00:10:26 -0800
From: "Alan Kaul" <alan.kaul@worldnet.att.net>
To: <tavan@tibco.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [61395] Re: Antenna Height Restrictions
Message-ID: <20000127081049.VKGU12791@default>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Los Angeles County (CA) now has a max height limit of 45-feet which has been adopted by several incorporated communities within the county as well. There may be areas of the county where taller towers are permitted, but in my community -- LaCanada-Flintridge -- going beyond the 45-feet requires special permits. I have installed antennas at the 45-feet height and have heard no complaints. However, if I want to go higher, I must seek a waiver, building permit, permission from the neighbors, etc., and it is not worth the effort in my particular case (I'm a little pistol in DX contests -- not a big gun).

I watched a similar process end in disaster for another neighbor a couple of years ago when she wanted to keep horses on her property---her area was zoned for horses if you had a lot size of 15,000 sq feet and over, and my neighbor's lot was 14,800. The city ordered a hearing, one neighbor refused to go along with the 200 sq-ft waiver and so now the horse sleeps in a rental stall about 15 miles away! I don't want a showdown with my neighbors over 25-30 few more feet of antenna because I fear that someone will push it with the city to repeal the 45-feet limit which already exists.

Based on what Los Angeles has adopted, it seems to me that one could argue with any city or county government that 45-feet is a "reasonable accomodation." And someone arguing with his/her own local government might even be able to get a letter from LA County describing 45 feet as reasonable. Good luck!

72/73 de alan

Date: Thu, 27 Jan 2000 03:44:24 -0500

From: Mike Srock <msrock@ufc.com>
To: "'qrp-l@lehigh.edu'" <qrp-l@lehigh.edu>
Subject: [61396] re: which kit
Message-ID: <01BF6878.DC128A30.msrock@ufc.com>

Richard

I have the DSW-40 and I can tell you this rig is absolutely perfect!!!
I am amazed by it every time I use it. The receive is clean and the
signal to noise ratio is very impressive. It is very sensitive and
the weak signals are readable. The transmit is very clean also.
No chirp or clicks. The digital tuning is a must. It is rock stable.
I can pick mine up and bang it on the table and it stays right on
frequency. It is easy to use. It covers the whole band. It has
two tuning rates. Crystal filtering. Morse freq readout.
It's nice to know exactly what frequency you are on. None of
that 0-100 tuning scale guesswork. I am truly amazed by the
incredible value and quality of this rig. Nothing annoying about
it. It is very easy and fun to use. I recommend it highly. I will
be getting the 80 meter version later. I got the board kit and
installed it in a project box 3x2x6. I had room for 10 AA nimh
inside and I added a dial lock and a charging jack for the internal
batteries. The batteries lasted about 24 hours continuous use with
intermittent transmit. I also added banana jacks on the back for
external power. I can email a picture if you like.

Mike Srock
KB8RAQ

Date: Thu, 27 Jan 2000 05:47:08 -0500
From: "Brian J Keegan" <brimail@home.com>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [61397] RE: Gold Mercury Paddle
Message-ID: <001401bf68b3\$dddfddda0\$12960318@vron1.nj.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> Rumor has it that Number One gold plated N2dan Merc went to the late>
> King Hussein of Jordan.

According to the item discription they belong to VA3CH.

Brian KF2HC

kf2hc@njdx.org

Date: Thu, 27 Jan 2000 06:22:21 -0600
From: John F Rayfield <kr0y@juno.com>
To: msrock@ufc.com
Cc: qrp-1@Lehigh.EDU
Subject: [61398] Re: which kit
Message-ID: <20000127.062231.4566.0.kr0y@juno.com>

On Thu, 27 Jan 2000 03:44:24 -0500 Mike Srock <msrock@ufc.com> writes:

>I have the DSW-40 and I can tell you this rig is absolutely perfect!!!
>I am amazed by it every time I use it.

I'll second that...

I went ahead and got the nice anodized case that Dave provides. It makes a really 'neat' little rig.

>I can email a picture if you like.

I'd lke to see that. I can't take attachments here with Juno Email, but you can email an attachment to kr0y@arrl.net

John - KR0Y
Springfield, MO

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<http://dl.www.juno.com/get/tagj>.

Date: Thu, 27 Jan 2000 06:34:07 -0600
From: Karl Kanalz <KKanalz@excel.com>
To: "'w6toy@erols.com'" <w6toy@erols.com>, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [61399] Small Transportable Antenna & Banannas
Message-ID: <2D343922E283D211945C0008C7A41B2A01A7438E@adntex01.adsn.dal.excel.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

I think, Bruce, you meant to say "banana PLUG", didn't you?

That's an ol' trick I've used for years for quickie antenna connections to UHF jack connectors! Thanks for renewing the tip!

Karl K - W8TIF
McKinney, Texas

-----Original Message-----

From: Bruce Muscolino [mailto:w6toy@erols.com]
Sent: Wednesday, January 26, 2000 4:30 PM
To: Low Power Amateur Radio Discussion
Subject: Re: Small Transportable Antenna

<snip>

Connect your 85 foot wire to the banana jack and coil it up. <snip>

Date: Thu, 27 Jan 2000 07:51:35 -0500
From: Nils R Young <nilsbull@juno.com>
To: louburke@goodnet.com, QRP-L@lehigh.edu
Subject: [61400] portable vertical antenna stuff
Message-ID: <20000127.075141.-3995391.0.nilsbull@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Khaphloepjicahahazuzu!

Hah! Find that one in a dictionary!

If youse ain't been there yit, schlep on over to Lou Burke's radios, QRP & antennas &c site at

<http://www.goodnet.com/~louburke>

and check out the inventive use of one of those roof-mountin' antenna post tripod doodads what he's using there.

Just the thing for folks with various antenna mounting parameters on a park bench &c. Now to wait for the snow to melt & the weather to go above 22 grad F so I can try out this system with the fiberglass pole antenna doodad.

And those three Transel Tech mobile antoonas what I have.

Neat ideas . . . what makes this list (& the K2 list) so cool is the neat ideas that come up from time to time, saving us all from doing parallel

evolution in the invention of the log rolling down hill on its way to becoming a wheel.

73

Nils

Nils R. Bull Young -- El Gringo Errante -- La Estancia de los Guajolotes
Sonrientes

<http://home.fiberia.com/wb8ijn> -- W8IJN --

<http://members.xoom.com/nilsbull>

"In my day you had to FIGHT to have oligarchs! Every day was a STRUGGLE!

-- Comrade Sergei Nikolaevich McTovarishov --

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<http://dl.www.juno.com/get/tagj>.

Date: Thu, 27 Jan 2000 08:50:29 -0500

From: w4bws@juno.com

To: qrp-1@Lehigh.EDU

Subject: [61401] OT: QRP RS ALERT

Message-ID: <20000127.085038.-165715.0.w4bws@juno.com>

MIME-Version: 1.0

Content-Type: text/plain

Content-Transfer-Encoding: 7bit

Wednesday at lunchtime I was in the neighborhood Rad Shack
store looking for the closeout goodies and found two QRP goodies.

They had a pair of 49 mhz handhelds Cat No. 60-4029 for \$4.97

good for 120 feet which should help with antenna installing or
following someone in two autos, etc.

Also they had the baby monitors Cat No. 43-487A which included
a transmitter, handheld portable monitor receiver and two 9v 100 ma
wall warts for \$9.95. great for monitoring receiver for the fox while you

do the honey-do projects. Grezt proces and units. Strictly QRP.

Don Sanders W4BWS

694 E. Eau Gallie Blvd

Satellite Beach ,FL 32937

My favorite QRP rig glows in the dark

Date: Thu, 27 Jan 2000 06:00:13 -0800 (PST)
From: Curt Milton <wb8yyy@yahoo.com>
To: na5n@rt66.com, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [61402] Re: My 6M ignorance
Message-ID: <20000127140013.12052.qmail@web2002.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Here is a short summary - CW is used for small signal work on 6m! The traditional calling frequency for domestic (ok contacts within the same country) QSO's is 50.125. Some folk have been trying to get this moved to 50.200 since 50.125 is at the top of the DX window of 50.100 to 50.125. The DX calling frequency is 50.110.

While some domestic CW activity occurs within the DX window, it is generally preferred to operate from 50.1 downward - hence a normal CW CQ on a quiet band would occur at say 50.098. Also it is not frowned upon to call CW CQ at 50.125 when the band is quiet, nor is it frowned upon to operate or switch to CW above 50.125 when conditions are marginal.

QRP goes a good ways on 50 MHz under E-skip conditions - and my rig a Ten Tec Transverter is only rated at 8 watts output. I have had lots of fun working 6 meters with a simple set-up.

OK the grids - well I must warn you chasing grid squares is highly addictive. Some grids are very rare due to having a low population, or in some cases by being mostly water - and there are occasional maritime operations. I have lost count, but I have worked in excess of 90 grids using my simple set-up in casual operation on 6m.

I hope this helps.

Curt WB8YYY
Eldersburg, MD QRP-L #2115

Do You Yahoo!?
Talk to your friends online with Yahoo! Messenger.
<http://im.yahoo.com>

Date: Thu, 27 Jan 2000 09:16:15 -0500 (EST)
From: "Paul R. Valko" <prvalko@oakland.edu>
To: "Paul Harden, NA5N" <na5n@rt66.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [61403] Re: My 6M ignorance
Message-ID: <Pine.OSF.4.20.0001270900130.20110-1000000@saturn3.acs.oakland.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 26 Jan 2000, Paul Harden, NA5N wrote:

> So for those of you who have some 6M QRP experience, how about sharing
> it with us?

For you, Paul, anything... you've been a blessing to QRP-L.

> What frequencies are used on 6M for CW contacts?

Anything under 50.125 is fine. If you get much below 50.100 you will run into a lot of beacons.

> Is there a QRP hangout?

Nope. VHF is not a lot of fun at QRP levels. Not that it's not doable, it's just not a lot of fun. VHF openings are rare, so when they happen, I tend to want to make a lot of contacts, quickly. Also, being a QRP minimalist, I use a lot of aluminum on VHF/UHF, and I'm one of those nut-cases that think using a beam at QRP isn't in the minimalist tradition. That's just MHO folks, don't go bonkers over it, we've had the discussion :-)

> Any special procedure for calling CQ or answering other
> than what's typical on the HF bands?

None whatsoever... On VHF (with yagis) some folks will point in one direction and make note that they are "beaming (or looking) south (or whatever direction)" Then rotate 90 degrees and call again.

> What times of the day have you found the best for propagation as well as
> general activity?

You know the QRP saying, "40 is always open?" Well, six is never open :-) so we use a lot of DX-type packet clusters and pagers and such when an aurora or E opening pops up. A few weeks back, there was a six meter opening to the southern US at midnight.

> What aeralials do you like?

The biggest, longest M-Squared you can afford - accept no substitute :-)

> And what's the gig with this grid square thing, anyhow?

Grid squares were always popular among european hams. In the past 15 years or so, it's also become the primary measure of success on VHF and above in the US. It is MUCH more worthwhile than counting "states" on VHF. I've worked maybe 10 states on 2M SSB/CW, but that's about 40 different grids.

My best QRP DX contact on 6 meters, was from here in Michigan to Kansas running 3 watts from an old Icom 502 to an 80 meter dipole.

THAT'S minimalist VHF QRP !!!

73! =paul= W8KC

Collector of Ten*Tecs and other fine plastics.

Visit the Virtual Ten*Tec Museum at:

<<http://www.acs.oakland.edu/~prvalko>>

Date: Thu, 27 Jan 2000 09:21:06 -0400
From: Greg Weinfurtner <weinfurt@oak.cats.ohiou.edu>
To: qrp-l@Lehigh.EDU
Subject: [61404] HW-7 aquisition/mods?
Message-ID: <[v03110700b4b5f2280a3a@\[132.235.81.58\]](mailto:v03110700b4b5f2280a3a@[132.235.81.58])>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi gang,

I just received a HW-7 for doing a repair for a local ham. (No, he wasn't mad at me! Hee-hee!) I know they are not the best rigs in the world, but it has possibilities. I mean the case is there, good VFO, meter, etc. It is working, but it's pretty dern insensitive (XYL complaint on me too...hmmm.) Has RF output of about 2.5w rms on 40 meters, less on higher bands.

Is there a site on the web somewhere detailing any modifications?

Anyone have any experience with the mods?

I've checked the archives in the qrp-l but couldn't find anything substantial.

Thanks! NS80

Date: Thu, 27 Jan 2000 09:22:36 -0500 (EST)
From: "Paul R. Valko" <prvalko@oakland.edu>
To: Curt Milton <wb8yyy@yahoo.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [61405] Get on 6M QRP cheap and easy...
Message-ID: <Pine.OSF.4.20.0001270917390.20110-1000000@saturn3.acs.oakland.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 27 Jan 2000, Curt Milton wrote:

> QRP goes a good ways on 50 MHz under E-skip conditions
> - and my rig a Ten Tec Transverter is only rated at 8
> watts output. I have had lots of fun working 6 meters
> with a simple set-up.

I have to agree with Curt. The T-Kit, 20M to 6M transverter is an outstanding way to get on 6M.

HIGHLY recommended by W8KC, I built one of the first ones and it served me well.

73! =paul= W8KC
Collector of Ten*Tecs and other fine plastics.
Visit the Virtual Ten*Tec Museum at:
<<http://www.acs.oakland.edu/~prvalko>>

Date: Thu, 27 Jan 2000 09:24:55 -0500
From: "Alex" <aturner13@mindspring.com>
To: <qrp-l@lehigh.edu>
Subject: [61406] Comfortable headphones ?
Message-ID: <01af01bf68d2\$49150b40\$a6bb8ad1@pentiumii>
MIME-Version: 1.0
Content-Type: text/plain;

charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Can someone recommend some comfortable headphones. I'm looking for the full coverage type and I've tried several but the ear cups are just too small. (They fit on the ear rather than the ear being in the cup. I don't think my ears are really big either). I haven't found a lot of info on headsets so if someone can point me in the right direction or offer a personal endorsement I would appreciate it.

Thanks
Alex, N4BYJ

Date: Thu, 27 Jan 2000 09:33:35 -0500
From: Ken Newman <N2CQ@citnet.com>
To: QRP-L@lehigh.edu, njqrp@njqrp.org
Subject: [61407] CONTEST: This Weekend QRP Contest Calendar
Message-ID: <3.0.6.32.20000127093335.007e9c50@mail.citnet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

QRP CONTEST CALENDAR

JANUARY 29/30, 2000

*** Please report any errors or omissions to N2CQ@ARRL.NET. TNX ***

~~~~~  
CQ WW 160-Meter DX Contest (CW) ... QRP Category

Jan 28 - 2200z to Jan 30 - 1600z

Rules: <http://www.cq-amateur-radio.com/160rules99.html>

~~~~~  
UBA DX Contest (Belgian) (SSB) ... QRP Category

Jan 29 - 1300z to Jan 30 1300z

Rules: <http://www.uba.be/Engels/framesgb.htm>

~~~~~  
AND LATER .....

~~~~~  
New Hampshire QSO Party (All) ... QRP Category

Feb 5 - 0000z to Feb 6 - 2400z

Rules: http://www.nhara.nhradio.org/qso_index.html
~~~~~

Vermont QSO Party (All) ... QRP Category

Feb 5 - 0000z to Feb 6 - 2400z

Rules: <http://www.sk3bg.se/contest/vtqp.htm>  
~~~~~

10-10 Int. Winter QSO Party (SSB - Ten Meters) ... QRP Category

Feb 5 - 0001z to Feb 6 - 2400z

Rules: <http://listserv.lehigh.edu/lists/tenten-1/rules.html>
~~~~~

FBY0 Winter QRP Field Day (CW/SSB) ... QRP Contest!

Feb 5 - 1400z to Feb 6 - 0200z

Rules: <http://www.extremezone.com/~ki7mn/fybo2k.htm>  
~~~~~

Minnesota QSO Party (All) ... QRP Category

Feb 5 - 1400z to 2400z

Rules: <http://www.rossiya.net/mnqsorules.htm>
~~~~~

AGCW Straight Key QSO Party (CW) ... QRP Category

Feb 5 - 1600z to 1900z

Rules: <http://www.sk3bg.se/contest/agcwskpw.htm>

~~~~~

Maine QSO Party (All) ... QRP Category

Feb 5 - 1300z to Feb 6 - 0700z

Rules: <http://home.sol.no/~janalme/rules/qsome.txt>
(Note: Announcement uncertain. Please confirm if possible.)

~~~~~

Adventure Radio Society - Spartan Sprint (CW) ... QRP Contest!

Feb 8 - 0200z to 0400z

Rules: [http://www.natworld.com/ars/pages/spartan\\_sprints/ss\\_rules.html](http://www.natworld.com/ars/pages/spartan_sprints/ss_rules.html)

~~~~~

72 de

Ken Newman - N2CQ

Woodbury, NJ

N2CQ@ARRL.NET

~~~QRP Contest Calendar~~~

<http://www.njqrp.org/data/contesting.html>

~~~WQ2RP NJQRP Club Station~~~

Date: Thu, 27 Jan 2000 08:43:21 -0600

From: "Chuck Carpenter" <w5usj@globeco.net>

To: na5n@rt66.com, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [61408] Re: My 6M ignorance

Message-ID: <3.0.2.32.20000127084321.007d18a0@bosshog.globeco.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

HI Paul and Group,

A couple of good refernces include an article in the Feb CQ about the nature and characteristics of Sporadic E (Es). Another is from World Radio

"Six Meters - A Guide to the Magic Band" by Ken Neubeck, WB2AMU. Many articles were included in Ham Radio Magazine too. QST and CQ have magazine sections that often discuss operations on 6 meters.

Grid squares are used by most VHF/UHF operators for a better indication of location than SPCs. The world is divided into 1 degree by 2 degree grids. These grids are further divided into subgrids starting at AA in the lower left corner to YY in the upper right corner, the top of the grid being north. The ARRL and others have detailed maps of the world "maidenhead" grid system. My Grid for instance is EM22cv. That puts me in the upper left corner of grid EM22.

During intense Es openings most any antenna can be used for making contacts. Polarizations doesn't seem to have much effect. DX operators will often have large arrays with high and low antennas to capture the wave front at any arrival angle. Low power operators like myself may have more limited antennas. Mine is a 4 element beam up about 25 ft. I've worked stations that were using whips, long wires, TV antennas, and HF antennas loaded on 6. This usually only happens when there is a strong Es condition though. F2 and Trans Equatorial (TE) propagation are also common propagation modes as is Aurora in the northern states. These don't happen often in the area of the country where I live(north Texas). Spring and summer are the best for Es openings in the US with some occurrences in the winter too. It's a band you need to monitor to watch for openings.

Stations on the east coast can often hear Europe when conditions are good. Stations on the west coast can often work Hawaii and Japan. Stations in the middle don't have these good conditions as often. This past winter, though, stations in the midwest and plains states were working stations in Alaska.

There is not much CW operation on 6 meters. The CW portion of 6 is from 50.08 to 50.10. During strong openings, you can find CW most any place in the band, however. I'm not aware of any specific QRP hangout, I just work them where ever I find them. The band area from 50.0 to 50.08 is reserved for beacons world-wide. The original CW allocation of 50.0 to 50.1 is no longer valid. DX is most often found centered around the DX window at 50.110. The present US SSB calling freq is 50.125 and spreads upward during strong openings. I don't do much with FM and AM on 6 but they are also popular modes.

My rig is a barefoot Kenwood TS-670. It runs 10W PEP on SSB and I usually run 4 watts in non contest conditions. During contests, I don't take the time to switch back and forth from SSB to CW. VHF/UHF contesting is very popular, by the way. Roving with simple to very complex setups is one of the popular operating choices too. The rovers will often setup in some of the more difficult to-obtain-grid squares. (A lot like county hopping on HF.)

Hope to catch you on the magic band.

Chuck Carpenter, EM22cv, Point, Rains County, Texas

Date: Thu, 27 Jan 2000 08:14:36 -0700 (MST)
From: af852@rgfn.epcc.edu (William R Colbert)
To: qrp-1@lehigh.edu
Subject: [61409] Re: [GQRP] Returning to HELL again ;)
Message-ID: <200001271514.IAA00556@rgfn.epcc.edu>

Well, here is something from the Gqrp list and explains why the funny sounds on and about the 20/15/10 meter qrp freqs - explains what they are but not the specifics of why they zero in on the known worldwide qrp freqs (fists does the same). Maybe time to look at another qrp calling freq? I know it has been discussed before but a receiver filter can only do so much - I realize it is a TOUCHY subject, but maybe a consideration?...

Subject: [GQRP] Returning to HELL again ;)
To: gqrp@onelist.com

From: ly2pu@ke.balt.net (Vytautas Mickevicius)

Hello friends,

it seems that lithuanian Hellshreiber fans feed me with the best possible info abt digital QRM...

So, here is an excerpt from an invitation to take part in the Days of Activity:

Suggested operating frequencies:

xx.x63 kHz 1 QRM for 40 - 10 metres, e.g.:
7.063, 14.063, 18.163, 21.063, 24.963, 28.063 MHz etc.
Also 3.559, 3.590, 10.135 MHz, and wherever you normally operate.
^^^^^^

On other bands, the choice is yours. Remember - check the Novice sub-bands
such as
around 28.110 MHz as well!

Have Fun!

73,

Nino IZ8BLY and Murray ZL1BPU

As you had noticed, there is 3.559 MHz on the list - much worse
from the point of QRP'ers view, than xx.x63 mentioned two lines above.

Complete text of an invitation (and other, very usefull info)
can be found at:

<http://www.freeweb.org/varie/ninopo/iz8bly/Hell/had.txt>

Personaly I am not an enemy of digital modes, or users of such.
No flame, please. I use them for more than 10 years on VHF,
furthermore, installing of "hellshreiber" soft will be done
here in the nearest future - this mode is great for digging
out QRP signals of the QRM. I'm sure I would like it.

But why preferred frequencies of digital modes must be allocated
almost exactly on QRP frequencies ???

Can this be solved simply, by negotiating with two gentelmen, who
signed the invitation quoted above? Or this invitation is only a
visible part of an iceberg? On what level this problem can be
solved - QRP and Digital clubs, national societies, IARU? Who knows?

Last but not least - we QRP'ers are most unsafe "minority" in all
the world of ham radio. For example, we can't protect our hobby by
increasing of our activity on our frequencies (as other modes can
do). Our excellence of "doing more with less" can kill us, if our
rights wouldn't be defended by a bigger brothers. The danger of
dissapearing ham radio, escalated by our lobbists, or dissapearing
of CW on ham bands is much overstated - QRP can dissapear first.
Like dinosaurs...

72/73, Vytas LY2PU #6806

P.s. Excuse for poor English. To much time passed after university lessons. No spell-checker on my mailer, I hesitate every time before writing to a list...

--

Ray Colbert, W5XE
00TC 3618, SOWP 1064M
El Paso, Tx (FAR WEST TEXAS!)
also: w5xe@juno.com

Date: Thu, 27 Jan 2000 07:21:33 -0800 (PST)
From: Philip Karras <ke3fl@yahoo.com>
To: qrp-l@lehigh.edu
Subject: [61410] Where do I Download HAMCALC by VE3ERP?
Message-ID: <20000127152133.6471.qmail@web2206.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Can someone tell me where to download a copy of
HAMCALC by VE3ERP?

=====

Phil Karras, KE3FL
ke3fl@arrl.net
Alt: ke3fl@juno.com
Web: <http://www.qsl.net/ke3fl>

Do You Yahoo!?
Talk to your friends online with Yahoo! Messenger.
<http://im.yahoo.com>

Date: Thu, 27 Jan 2000 10:36:32 -0500
From: "Caitlyn M. Martin" <caitlyn@netferrets.net>
To: qrp-L@lehigh.edu
Subject: [61411] Re: My 6M ignorance
Message-ID: <38906600.631BCDF6@netferrets.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi, Paul,

> Nope. VHF is not a lot of fun at QRP levels. Not that it's not doable,
> it's just not a lot of fun. VHF openings are rare, so when they happen, I
> tend to want to make a lot of contacts, quickly. Also, being a QRP
> minimalist, I use a lot of aluminum on VHF/UHF, and I'm one of those
> nut-cases that think using a beam at QRP isn't in the minimalist
> tradition. That's just MHO folks, don't go bonkers over it, we've had the
> discussion :-)

We've chatted on the Ten Tec reflector and here, and I have a great deal of respect for you, but I have to say I disagree 100%. Since you are discouraging someone from trying 6m, I have to disagree loudly and publicly. I have worked with minimal stations of 6 meters for nearly 15 years now, and without a doubt, it is my absolute favorite thing to do in ham radio, and it is **loads** of fun.

I do have 20 watts right now, though I have often operated at 5 watts or less. A barefoot IC-502A, which I once owned, or an IC-505 running on batteries, gave me 3 watts max. I have **lots** of QSL cards to document just how much fun it is.

The fact is, minimalist VHF is not for those desiring instant gratification. It is a hobby for the **very** patient, but that patience is often rewarded in rather spectacular ways. Also, listening to the calling frequency is not a good way to judge the band. I don't know how many times I've called CQ on a quiet frequency and gotten a response from someplace quite far away. Then, suddenly, all the "listeners" come out of the woodwork.

> None whatsoever... On VHF (with yagis) some folks will point in one
> direction and make note that they are "beaming (or looking) south (or
> whatever direction)" Then rotate 90 degrees and call again.

Some of us with omni antennas (like my AEA Halo 6 or a vertical) just call CQ the way we would on HF.

> You know the QRP saying, "40 is always open?" Well, six is never open
> :-)

Oh, B.S. Six meter activity is seasonal. You get more Es openings in the late spring and summer months. Hams in South Florida or South Texas enjoy transequatorial propagation in the fall. In addition, at peak of cycle (which we **are** approaching), there are occasional F layer openings during midday. The fact is, six enjoys virtually all HF **and** VHF propagation modes, but absolutely none are reliable or predictable.

> so we use a lot of DX-type packet clusters and pagers and such when an
> aurora or E opening pops up. A few weeks back, there was a six meter
> opening to the southern US at midnight.

This is a great method to have your contacts fed to you on a silver platter. I don't operate packet and have never used a cluster. I just leave my rig on :)

> The biggest, longest M-Squared you can afford - accept no substitute :-)

These are a **very** good choice. (See, we agree on something! :) I've had a small Maldol beam that worked fairly well, and a Cushcraft as well.

> My best QRP DX contact on 6 meters, was from here in Michigan to Kansas
> running 3 watts from an old Icom 502 to an 80 meter dipole.

When I lived in Florida I worked 49 states and 38 countries (TE does help) on six. I never had more than 10 watts, but I did have a beam up at 110', which helps a whole lot.

73,
Caity
KU4QD

Date: Thu, 27 Jan 2000 07:33:33 -0800 (PST)
From: Monte Stark <ku7y@dri.edu>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [61412] QRM
Message-ID: <Pine.GS0.4.10.10001270726530.16975-100000@rotor.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi All,

I'm still trying to get 2 + 2 to = 4 when it comes to how many hams we are loosing.....

Almost everyone here has complained at one time or another about the QRM getting worse and worse on the bands. Just so hard to find and KEEP a clear spot....

Yet many of the same people moan the standard "whine" that ham radio is drying up and that we need more operators.

So what I'm hearing is that less hams = more QRM and that more hams = less QRM.

For some reason that just doesn't seem to add up in my book.

Now we all know that the QRM is really worse than it was several years ago, so, do you suppose that the other end of that argument might just be wrong?

OK, back in my hole....

73, Ron

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@dri.edu....Washoe Lake, Nevada....NRA LIFE....
.....SOWP 5545M.....WHINERS #1.....ZOMBIE #18.....

Date: Thu, 27 Jan 2000 10:33:17 -0500
From: "Tom Hybiske" <hybiske@generalatronics.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Cc: <aturner13@mindspring.com>
Subject: [61413] Re: Comfortable headphones ?
Message-ID: <01fe01bf68db\$d56a4020\$7368f326@GACNT>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Alex, I swear by David Clark headphones. They are used primarily in the aircraft industry where noise levels are high. They have full ear cups which should fit your requirements. They are expensive, but worth the price, I think. Also, I have seen them at hamfests. Most of the time, they're beat and may require new muffs, but you can get them at a good price. You'll probably need to change the jack too as they come with the military size phone jack as opposed to the "standard" 1/4" version that we are most used to. Here's the URL if you'd like to take a look.
<http://www.davidclark.com/index.shtml>

7 3,

Tom K3GM

----- Original Message -----
From: Alex <aturner13@mindspring.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Thursday, January 27, 2000 9:24 AM
Subject: Comfortable headphones ?

> Can someone recommend some comfortable headphones. I'm looking for the full
> coverage type and I've tried several but the ear cups are just too
> small. (They fit on the ear rather than the ear being in the cup. I don't
> think my ears are really big either). I haven't found a lot of info on
> headsets so if someone can point me in the right direction or offer a
> personal endorsement I would appreciate it.
>
> Thanks
> Alex, N4BYJ

Date: Thu, 27 Jan 2000 10:45:29 -0500
From: "Richard E. Robinson" <rerobins@email.uncc.edu>
To: qrp-l@lehigh.edu
Subject: [61414] Re: My 6M ignorance
Message-ID: <v03102800b4b6137e3d84@[152.15.144.71]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Paul Valko writes;

> VHF is not a lot of fun at QRP levels.

Whoa here!! I must disagree big time. If we're discussing only 6 meters here, it can be a blast. I can't speak for QRP on any other VHF band. My very first QRP contacts were 6M AM QSOs made with a crystal controlled Heathkit Sixer I built in 1964 that ran about 3W out to my military surplus ground plane. I worked quite a few east coast states and even a VE1 one afternoon after school. I still run 6M QRP SSB with an MFJ rig and my K2/TenTec 20M to 6M transverter. Now that is a great 6 meter combo, the K2 and the TenTec transverter.

Six meters has both the properties of the higher HF bands and also aspects of 2M. There are 6M ops with DXCC. True you may need big antlers to grab DXCC and bunches of squares, but lots of QSOs and fun can be had with simple rigs and a j-pole vertical or dipole especially if you are near a large urban area.

>You know the QRP saying, "40 is always open?" Well, six is never open :-)

I see the "smiley" but this just ain't so Paul. Just because the DX clusters aren't reporting it, doesn't mean there isn't an opening. Packet clusters are notorious for missing 10 meter openings and I would say the

same applies for 6 meters. True the openings are fewer and shorter than on the lower bands but they makes it even more fun. You never know what 6 meters will do, that's why it's called the magic band.

BTW, 6M enthusiasts are just as rabid as QRPers, old Volvo owners and Mac users. I happen to be all 4. :^)

Don't be anymore discouraged by 6 meters than you are at running 5mW on 40 meters. 6 meters can be lots of fun, give it a try.

72,

Rick kf4ar

Date: Thu, 27 Jan 2000 10:43:02 EST
From: Shephed@aol.com
To: qrp-l@lehigh.edu
Subject: [61415] Re: QRM
Message-ID: <36.15c9ff9.25c1c186@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

In a message dated 01/27/2000 10:35:44 AM Eastern Standard Time, ku7y@dri.edu writes:

> Hi All,
>
> I'm still trying to get 2 + 2 to = 4 when it comes to how many
> hams we are loosing.....
>
> Almost everyone here has complained at one time or another about
> the QRM getting worse and worse on the bands. Just so hard to
> find and KEEP a clear spot....
>
> Yet many of the same people moan the standard "whine" that ham
> radio is drying up and that we need more operators.
>
> So what I'm hearing is that less hams = more QRM and that
> more hams = less QRM.
>
> For some reason that just doesn't seem to add up in my book.
>
> Now we all know that the QRM is really worse than it was several

> years ago, so, do you suppose that the other end of that argument
> might just be wrong?

>

> OK, back in my hole....

>

> 73, Ron

Ron,

That's just the NCI/No Coders whine.

I have been on air for about 7 years, and if anything the CW bands are getting more crowded. I have heard the spin that the Novice portion of 80 was also dead, well this week alone I have logged several Q's.

So 2+2 does equal 4. it's just some people are trying to change the math rules.

72, 73, oo's

Dan, N8IE Kettering, Oh

FPqrp #-6, QRP-l #1404, FISTS #4985, Zombie #667

<http://members.aol.com/shephed/n8ie.htm>

Date: Thu, 27 Jan 2000 09:50:02 -0600

From: Fairbairn Bob-C12509 <C12509@NAmerica.mot.com>

To: "'ku7y@dri.edu'" <ku7y@dri.edu>, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [61416] RE: QRM

Message-ID: <55BA1CBAF67BD3118BDF00805FE69F2C45E2AA@il06exm03.corp.mot.com>

MIME-Version: 1.0

Content-Type: text/plain;
charset="windows-1252"

I am not very active and my QRP activity right now is turning down the power on my Paragon. What I have noticed is a lot more SSB transmissions that splatter up and down the band. I am wondering if some of the QRM is due to the fact that we have better propagation right now? Wait 5 years and it will go away???

73 Bob Fairbairn KF90A K2#???! QRP-L#2122

-----Original Message-----

From: Monte Stark [mailto:ku7y@dri.edu]

Sent: Thursday, January 27, 2000 9:34 AM

To: Low Power Amateur Radio Discussion

Subject: QRM

Hi All,

I'm still trying to get $2 + 2 = 4$ when it comes to how many hams we are losing.....

Almost everyone here has complained at one time or another about the QRM getting worse and worse on the bands. Just so hard to find and KEEP a clear spot....

Yet many of the same people moan the standard "whine" that ham radio is drying up and that we need more operators.

So what I'm hearing is that less hams = more QRM and that more hams = less QRM.

For some reason that just doesn't seem to add up in my book.

Now we all know that the QRM is really worse than it was several years ago, so, do you suppose that the other end of that argument might just be wrong?

OK, back in my hole....

73, Ron

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@dri.edu....Washoe Lake, Nevada....NRA LIFE....
.....SOWP 5545M.....WHINERS #1.....ZOMBIE #18.....

Date: Wed, 26 Jan 2000 20:48:28 -0700
From: Roy <marion@montana.com>
To: ku7y@dri.edu, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [61417] Re: QRM
Message-ID: <200001271547.IAA12351@mail.montana.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 07:33 AM 1/27/00 -0800, Monte Stark wrote:

>Hi All,

>

>I'm still trying to get $2 + 2 = 4$ when it comes to how many
>hams we are losing.....

>

>Almost everyone here has complained at one time or another about
>the QRM getting worse and worse on the bands. Just so hard to
>find and KEEP a clear spot....

>

>Yet many of the same people moan the standard "whine" that ham
>radio is drying up and that we need more operators.
>
>So what I'm hearing is that less hams = more QRM and that
>more hams = less QRM.
>
>For some reason that just doesn't seem to add up in my book.
>
>Now we all know that the QRM is really worse than it was several
>years ago, so, do you suppose that the other end of that argument
>might just be wrong?
>
>OK, back in my hole....
>
>73, Ron
If you talk to the people who do ham radio as a hobby, there are plenty of
hams. If you talk to people who do ham radio as a business, there will
never be enough hams. At least thats the view from here.....now back to my
hole as well.....73 Roy AB7CE

Date: Thu, 27 Jan 2000 08:10:22 -0800
From: "Wyman, Michael D" <michael.d.wyman@intel.com>
To: "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>
Subject: [61418] SRAM solution
Message-ID: <3D33CF40366DD111AC4100A0C96B22AC0536D514@fmsmsx34.fm.intel.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Hi all,

This will be the last posting of this. Regarding SRAM and the PQQET
pda, the ACE Technologies SRAM came in two flavors. They had a 1 meg and a
2 meg variety. They also offered a 2 meg and 4 meg "doubled" SRAM card for
slightly more than the single version. What this included was a copy of
Stacker 4.0 software which doubled the capacity of the SRAM card.

So for all of you who may have been frustrated about the inability
to get to what the card said it could, please be at ease. If you are
fortunate and have a copy of Stacker 4.0 then you can load it and expand the
memory. I was unable to find a copy of it on the web. So if anyone has a
copy and wants to Email me the files I would appreciate it. The software is
obsolete stuff. Especially now days where you can purchase a 25 gigabyte
hard drive for about the same amount as a 40 meg Compact Flash.

Special thanks to Danny Ayers for being perceptive enough to find the same information on the SRAM cards.

Now back to my K2 and the logging program on my POQET!!!

72 de Mike W1DRY
K2 FT 019

Date: Thu, 27 Jan 2000 10:26:49 -0600
From: "Kevin Muenzler, WB5RUE" <wb5rue@stic.net>
To: "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>
Subject: [61419] QRM/QRN from ISDN
Message-ID: <000101bf68e3\$4ffd52d0\$ef5d6f81@v8.uthscsa.edu>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Has any had any experience with ISDN lines to their house? If so do you get interference? I know that ADSL and DSL are pretty bad.

Kevin, WB5RUE

I am Voltohm of Borg, resistance is E/I, power is EI, you will be attenuated!

Date: Thu, 27 Jan 2000 11:29:53 EST
From: Dean W Manley <kh6b@juno.com>
To: ke3fl@yahoo.com, qrp-1@lehigh.edu
Cc: kh6b@juno.com
Subject: [61420] Re: Where do I Download HAMCALC by VE3ERP?
Message-ID: <20000127.062928.5391.1.kh6b@juno.com>

Gang,

To get the latest version of HAMCALC, just send US\$5 to cover costs of materials and airmail postage, to:

George Murphy VE3ERP
77 McKenzie St

Orillia, ON L3V 6A6
CANADA

Disclaimer: No financial interest, just a happy camper.

Aloha,
Dean KH6B
Hilo Hawaii

>Can someone tell me where to download a copy of
>HAMCALC by VE3ERP?

Date: Thu, 27 Jan 2000 11:29:53 EST
From: Dean W Manley <kh6b@juno.com>
To: qrp-1@lehigh.edu, cgreene7@juno.com
Cc: kh6b@juno.com
Subject: [61421] Re: Small Transportable Antenna
Message-ID: <20000127.062927.5391.0.kh6b@juno.com>

Elite Group,

The original W3EDP is 84' (not 85") with a counterpoise of 17' used on all bands except 20. Here the length is 6-1/2'. Also, for 10m, no c'poise was specified. The counterpoise was specified as installed at about 90 degrees in relationship to the 84' antenna. This is from the original artical in QST from the 1930s.

I've used the W3EDP with my ZM-2 tuner. It works.

Hope is helps. Aloha,

Dean KH6B
Hilo Hawaii

>What the 85' with the 17' counterpoise is, is a W3EDP antenna.

Date: Wed, 26 Jan 2000 21:48:48 -0700
From: Roy <marion@montana.com>
To: <qrp-1@Lehigh.EDU>
Subject: [61422] 6m QRP
Message-ID: <200001271648.JAA22085@mail.montana.com>
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Six is alot of fun WHEN ITS OPEN. Its weeks and months sometimes between openings. They are usually weak and in the same direction. During strong openings a QRP transverter will work like a hundred watts. The folks who know CW are usually the serious six folks and run as big of an antenna and as much power as they can afford. There are alot of no-coders. You will learn more about various propagation effects than ever. Single and rarer double hop sporadic E, scatter, meteor bounce, aurora bounce, and very rare F2(In six years I have yet to see it). I monitor six 24 hours a day. Have not heard other than the 100mile locals for two months. If you are running small beam antennas that would be very effective on HF, you will have to listen to big guns work station after station that you can't hear at all. Big beams and high towers are nice on any band, but they are even more effective for VHF work. I have a five element beam, and a hundred watts. My friend Mike is 60 miles from here. He has three stacked 20 element beams on a 100 ft tower, and a kilowatt. Very often he is working pileups that I can't even hear. Its not like a single band qrp rig on HF where you can hear just about anything anyone else can with your minimal antenna. But some of the most fun I have had on a 6m qrp transverter and a 6m dipole. But its a LONG time between those kind of openings. Very addictive band.
73 Roy AB7CE Grid DN36

Date: Thu, 27 Jan 2000 8:55:14 PST
From: Roger Traylor <traylor@ECE.ORST.EDU>
To: qrp-1@lehigh.edu
Subject: [61423] WTB: T2 (not TT2)
Message-ID: <200001271655.IAA08956@tongu.ECE.ORST.EDU>

Gang,
Anybody willing to sell their T2? Assembled or not,
dosen't matter. The T2 is the Rick Campbell phasing
exciter.

Roger Traylor
WB4TPW

Date: Thu, 27 Jan 2000 08:55:22 -0800
From: Allan G Taylor <agtaylor@llnl.gov>
To: qrp-1@lehigh.edu
Subject: [61424] HB: KR5L CW Tone Decoder; 3-t 10K pots needed for RH40/NC20
Message-ID: <3890787A.1CA1@llnl.gov>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

KR5L has designed a simple but effective CW Offset Tone Decoder and it was published in the latest issue of QRPp. His article mentions a possible CMOS variant. I would be interested to know if anyone has done that variant and, if so, what chip they used in lieu of the NTE567 / NTE582? I am considering adding this to the RedHot40 for when I put the mod for the tighter xtal filter but don't want to add 17-25mA to any of my rigs' current drain if there is another way.

2nd item: The RIT on the NC20/RH40 rigs covers about +/- 1kHz. I prefer at least 2kHz and maybe up to 5kHz. Obviously that poses a problem on tuning ! If I could find a pair of 3-turn 10K pots, that would solve my problem. I could always buy them from Mouser/Digikey, but its so much more fun to trade with friends! (The 2nd one is for the NC20 that is to be built next)

BTW: the reversing of R6 and R7s 'bent-leg' fixed the RIT tuning direction problem on the RH40. I will put them in more gracefully when I make the RHR NC20. The 33K 1%ers from it go into the RH40 and the already trimmed ones go into the slots in the NC20.

73 all

Allan K7GT

--

Allan Taylor agtaylor@llnl.gov

Date: Thu, 27 Jan 2000 11:53:03 -0500
From: Zack Lau <zlau@arrl.org>
To: qrp-l@lehigh.edu
Subject: [61425] Re: My 6M ignorance
Message-ID: <389077EF.C341B76E@arrl.org>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I published a 4 element 6M beam in the Jan/Feb 1998 QEX. I used it during FD to work J6/W6JKV with 5 watts PEP--a real tough contact on double hop E-skip. Double hop is tough from New England--you have often have competition from single hop stations that are much stronger. Also, there is a lot of competition on the East coast--it is a very popular DX band.

But, you can work lots of stuff with just an HF dipole fed with open wire. I've worked DM13, DM21, and DM55 (CA, XE2, and NM or AZ). VUCC is a realistic challenge with QRP--mine took about 13 months using an 86' dipole and an IC-502. My apartment was just 110' ASL--not exactly a great location.

You can be very popular if you operate from a rare grid square. Surprisingly, some tourist spots in rare grid squares--the Grand Canyon, the Marconi Site, Manchester VT, Lake Placid NY, are all in rare VHF grids.--Zack Lau W1VT

Date: Thu, 27 Jan 2000 11:53:57 -0500
From: Joseph Trombino Jr <joebarb@wilmington.net>
To: aturner13@mindspring.com
Cc: QRP-L@LEHIGH.EDU
Subject: [61426] Re: Comfortable headphones ?
Message-ID: <3.0.6.32.20000127115357.00834330@wilmington.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 09:24 AM 1/27/00 -0500, you wrote:

>Can someone recommend some comfortable headphones. I'm looking for the full
>coverage type and I've tried several but the ear cups are just too
>small.(They fit on the ear rather than the ear being in the cup.I don't
>think my ears are really big either). I haven't found a lot of info on
>headsets so if someone can point me in the right direction or offer a
>personal endorsement I would appreciate it.

>

>Thanks

>Alex,N4BYJ

Hello Alex: I would highly recommend the Kenwood model HS-5 headset. This is a dual headset type, 8 ohm, that is very sensitive. The earphone covers are flat and soft and cover the entire ear very comfortably. I have two pairs and love them....looking for another pair!! I have a popular model boom headset/microphone and the Kenwood headset is much more comfortable. No connection to Kenwood, just a happy customer and user of this particular product.

72, Joe W2KJ (North Carolina)

Date: Thu, 27 Jan 2000 9:02:21 PST
From: Roger Traylor <traylor@ECE.ORST.EDU>
To: qrp-1@lehigh.edu
Subject: [61427] QRM on the Bands or QRO?
Message-ID: <200001271702.JAA09015@tongu.ECE.ORST.EDU>

Monte,

Having my R2 working on the phone bands now has allowed
to me to listen to a number amazing conversations like:
"Yeah Bud, you're only 30db over S9 here, conditions
must be bad. Better put on the big shoes."

Maybe part of the problem is excessive power, not so much
crowding. Just a thought.

Roger Traylor

> Hi All,
>
> I'm still trying to get 2 + 2 to = 4 when it comes to how many
> hams we are loosing.....
>
> Almost everyone here has complained at one time or another about
> the QRM getting worse and worse on the bands. Just so hard to
> find and KEEP a clear spot....
>
> Yet many of the same people moan the standard "whine" that ham
> radio is drying up and that we need more operators.
>
> So what I'm hearing is that less hams = more QRM and that
> more hams = less QRM.
>
> For some reason that just doesn't seem to add up in my book.
>
> Now we all know that the QRM is really worse than it was several
> years ago, so, do you suppose that the other end of that argument
> might just be wrong?
>
> OK, back in my hole....
>
> 73, Ron
>
>KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
>ku7y@dri.edu....Washoe Lake, Nevada....NRA LIFE....
>SOWP 5545M.....WHINERS #1.....ZOMBIE #18.....

Date: Thu, 27 Jan 2000 10:17:04 -0700
From: Lee Pruitt <pruitt@totacc.com>
To: qrp-1@lehigh.edu
Message-ID: <3.0.6.32.20000127101704.007a5a70@totacc.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

All items have been sold except for the ten tec, which is still available.

TenTec Delta 580 with optional noise blanker and 283 remote VFO \$350.00

email: pruitt@totacc.com

phone: (505) 527-1976

Thanks 73 Lee Pruitt KM5MC

Date: Thu, 27 Jan 2000 12:17:50 -0500
From: Frank Alwine <n1gpy@together.net>
To: qrp-1@Lehigh.EDU
Subject: [61429] Re: My 6M ignorance (long)
Message-ID: <38907DBE.67707024@together.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

6M is my favorite band. Bar none. Been licensed since 1989, and on 6M since around '90 or '91. Six is a band you either love or hate. If you get hooked, you get hooked deep. You learn to love listening to the gentle hiss of static for hours, days, on end; to be punctuated by a sudden (magical?) opening to some far away place. Or maybe some not so far away place. You learn to live for "K" indices of "5", or "6", or more, and the raspy sound of signals bounced off the resulting aurora.

You spend warm early summer nights, chasing sporadic E openings, working dozens of contacts 1000 miles away or more, with just a couple watts - even on SSB. You thrill to the band exploding open to Europe, or Japan (on the West Coast) - totally out of the blue. You wait patiently for the peak of the sunspot cycle, for the flux to rise and the MUF to reach 6M, when you'll "work the world". And then you'll wait, and

wait again, and listen to the hiss....

My ticket to 6 has been a vintage Yaesu FT620B 6M rig. 10-12W out on CW/SSB, about half that on AM - no FM capability in this rig. Analog VFO and dial readout. Being analog, though, makes it a very quiet rig compared to some older synthesized rigs I've used. The TenTec 6M transverter is also an excellent way to go, as is the DEM (Down East Microwave) 6M transverter. The DEM uses a 28MHz IF, whereas the TT uses either 20M or 2M depending on the model. The 2N2/6 sounds interesting, too!

For antennas, I've used everything from a dipole, through a 5el M² 6M5 yagi. In desperation I've used a 10M yagi tuned-up on 6 (and worked a bunch of aurora contacts in New England with it and 10W), and I've also built/used a 2el quad that netted me Argentina during one of the June ARRL VHF contests with just 10W SSB, and the antenna only about 15 feet off the ground. Gain-type wire antennas are very manageable at 50MHz, and would be fun to play with. To be **serious** on 6M, get as much aluminum up in the air as you can, as high as possible! Use good quality feedline too - no RG58 here. 9913 or LMR type is great, hardline if you're truly serious. I'm currently using 100' of surplus 9913 to my 4el HyGain (which is garage-mounted at only 20' - one wavelength on 6). RG8/RG213 is OK for shorter runs (<50'). But, the rule is to use what you've got - and try to improve it later!

As far as operating frequencies go, I will echo the comments already given for CW between 50.080MHz and 50.100MHz OR from 50.125MHz on up. 50.100 to 50.125MHz is the DX window, as already noted. Cross-mode operation (CW to SSB) is common and accepted on the VHF bands, so you can freely mix CW with the SSB'ers. BTW, SSB is great fun on 6M esp. during sporadic E openings.

One last note on frequencies - PLEASE, will those of you who post the "QRP Calling Frequency" lists change the 6M frequencies? Can we use this forum to decide on the changes, and make them? Currently the lists show 50.060MHz as the CW calling frequency -smack in the world-wide beacon sub-band. Nobody on 6M has QSO's in this sub-band. The SSB calling frequency is listed as 50.885MHz - this is in the **radio control** segment! NO ONE operates voice there - it would endanger someone's RC operation of their boat/plane/whatever. Good alternatives would be something like 50.095MHz for CW, and 50.195MHz for SSB - or, just the national calling frequencies of 50.125MHz and/or 50.200MHz, for both modes.

Grid squares - great comments so far! You can get a GIF of the ARRL grid square map at:

[http://uhavax.hartford.edu/disk\\$userdata/faculty/newsvhf/www/gridmaps.html](http://uhavax.hartford.edu/disk$userdata/faculty/newsvhf/www/gridmaps.html)

I'm in FN34 (actually, FN34kp). You can earn the ARRL "VHF/UHF Century Club" ("VUCC") award on 6M for working/confirming 100 4-digit grids (ie FN34, FM08, DM79 etc). The award is available for 6M through the microwave bands, with less grids needed at the higher frequencies. Lot's of hams chase these awards, and if you live in a rare grid, you'll be VERY popular during a band opening! I haven't been actively collecting grids on 6M, but I have been collecting states for WAS. Earning WAS on 6M is a significant achievement! So is DXCC or even WAC (Worked All Continents).

Guess I've gone on long enough - give 6M a try, and catch the Magic! CU on 6!

73/72 de Frank KT1VT, in FN34 Vermont

Date: Thu, 27 Jan 2000 09:18:56 -0800 (PST)
From: Curt Milton <wb8yyy@yahoo.com>
To: caitlyn@netferrets.net, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [61430] Re: My 6M ignorance
Message-ID: <20000127171856.9370.qmail@web2004.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Caitlyn makes a good point that effects how folk would like to operate on VHF, but it does not detract from the QRP attitude for resourcefulness in making QSO's. And she provides excellent background on what VHF operating is like.

I have done well with running ~ 8 W. on 6 meters - first with a loop and now with a 2 element quad. If I had more power, I would use it sometimes - for example to (1) work double hope e-skip since my power isn't enough to survive the ground bounce and (2) to break pile-ups to work rare grids - since openings are short and there are a lot of us on 6m in FM-19. Someday I may build an amp (around 40-50 watts) since commercial amps are very very expensive on 6m. On 2m. I use a 35 watt brick, it was designed to boost HTs but it has a linear/class C switch and a pre-amp.

Adding 6m capability to a QRP shack I view as a good thing, either homebrew or kit. When the band is open, particularly for e-skip QRP will make QSO's - the only

frustration being competition from QRO operators some with enough power for EME! More CW operating on 6m would be a good thing - and many ops I have worked in this mode were also using 10 watts or less. Also note that at higher microwave frequencies, the bulk of QSOs are made QRP, with homebrew or kit or converted equipment, into high gain antennas often scrounged or made. Its just that VHF/UHF has very different aspects than just getting on 7040 kHz to make QSO's.

Curt WB8YYY

--- "Caitlyn M. Martin" <caitlyn@netferrets.net>
wrote:

> Hi, Paul,
>
> > Nope. VHF is not a lot of fun at QRP levels. Not
> that it's not doable,
> > it's just not a lot of fun. VHF openings are
> rare, so when they happen, I
> > tend to want to make a lot of contacts, quickly.
>

Do You Yahoo!?
Talk to your friends online with Yahoo! Messenger.
<http://im.yahoo.com>

Date: Thu, 27 Jan 2000 09:34:26 -0800 (PST)
From: Curt Milton <wb8yyy@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [61431] Re: QRM
Message-ID: <20000127173426.12124.qmail@web2004.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

QRM thoughts ...

- (1) many are less courteous ...
- (2) some folk don't value our low S-level signals and think its ok to operate 100's watts on top of us
- (3) incompatible spectrum usage practice between

nations - high power SSB on 7040 VE/DX SSB operators on top of CW in our Novice bands where beginnings are trying to advance their CW.

QRM should be a natural part of ham radio due to how we share the spectrum, and its a good sign of vigorous spectrum usage ... but too much is thoughtless disruption caused by those who don't value others who use our spectrum differently.

Curt WB8YYY

--- Monte Stark <ku7y@dri.edu> wrote:
> Hi All,
>
> I'm still trying to get 2 + 2 to = 4 when it comes
> to how many
> hams we are loosing.....
>
> Almost everyone here has complained at one time or
> another about
> the QRM getting worse and worse on the bands. Just
> so hard to
> find and KEEP a clear spot....
>
> Yet many of the same people moan the standard
> "whine" that ham
> radio is drying up and that we need more operators.
>
> So what I'm hearing is that less hams = more QRM and
> that
> more hams = less QRM.
>
> For some reason that just doesn't seem to add up in
> my book.
>
> Now we all know that the QRM is really worse than it
> was several
> years ago, so, do you suppose that the other end of
> that argument
> might just be wrong?
>
> OK, back in my hole....
>
> 73, Ron
>
>KU7Y.....ARCI #8829.....Monte "Ron"
> Stark.....

>ku7y@dri.edu....Washoe Lake, Nevada....NRA
> LIFE....
>SOWP 5545M.....WHINERS #1.....ZOMBIE
> #18.....
>
>

Do You Yahoo!?
Talk to your friends online with Yahoo! Messenger.
<http://im.yahoo.com>

Date: Thu, 27 Jan 2000 12:30:50 -0600
From: Sam_Stimson@Dell.com
To: qrp-1@lehigh.edu
Message-ID: <5F97C32016F1D1119B1700A0C98422E702D76232@ausxmbrh05.us.dell.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"

A couple of weeks ago someone posted a web site on there that had some real neat Shareware CAD tools for drawing circuits and PCB layout. Does anyone know what the URL was? I lost the message.....

Sam
N5WU

Sam E Stimson
Supplier Quality Engineer
mailto:Sam_Stimson@dell.com
Phone: 512-728-5289
Fax: 512-728-2709
Mobile 512-796-4179

Date: Thu, 27 Jan 2000 13:43:11 +0000
From: Michael Neverdosky <mneverdosky@earthlink.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [61433] Re: My 6M ignorance
Message-ID: <38904B6F.8557C2E8@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

It has often been said that on 6m you can talk to the world with 5 watts but you need 100 watts to talk across town.

When you consider that the working the world requires waiting for favorable conditions and talking across town is usually expected to the 100% reliable 24 hours a day, every day, this works out about right. :-))

michael N6CHV

"Richard E. Robinson" wrote:

>
> Paul Valko writes;
>
> > VHF is not a lot of fun at QRP levels.
>
> Whoa here!! I must disagree big time. If we're discussing only 6 meters

Date: Thu, 27 Jan 2000 13:52:02 -0500
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <Shephed@aol.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [61434] Re: QRM
Message-ID: <008201bf68f7\$b0a9ebc0\$9001a8c0@wn.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Not at all, you're not looking objectively and assuming that the whining is from people you have little time for.

The bottom line is there are more HAMS today than yesterday. And that means the bands ARE filling up. In addition, there are more people running CW than ever before. Probably not as a percentage in recent years, but I feel there actually are more people even in CW than 10 years ago. Once they find out it isn't that difficult, and that it's fun, they ARE attracted to it, without the illogical arguments of a physical skill making a more technically competent operator.

Aside from the QRM issue, what people seem to forget is that while there are more HAMS and more HAM usage than before, if the 'other' services have huge increases and pressure to expand, and HAM service has only a moderate increase, guess who will lose when the comparative densities will be 'smoothed out'.

I've said it before, and I'll say it again, the death of CW was not

brought on by the no-coders, but a suicide by the 'CW or die' crowd. So far it's only been an attempted suicide. How about everybody that's been complaining from EITHER side of this issue getting off their butts and doing something constructive about make the new people welcome? About SHOWING the new people that there are LOTS of different things in HAM radio? That CW is just ONE aspect of it that doesn't HAVE to be shoved down thier throat to 'make' them do it!

Try things like 'lemonaide' night, powering QRP rigs with metal plates in cups of lemonaide. Heck, have some 'standard' rigs made up and run the contest for the lemonaide recipe. (With the caveat they have to drink it too!)

Things like 'parts' nite, or a 'lack of parts nite' where the rig with the fewest parts wins a prize (excluding a PIC!) that can actually transmit to a neighboring state.

Got a Boy Scout troop with a HAM that hikes in nearby mountains? Let them cart something like a TunaTin or similar up there, and have a bunch of people trying to track them.

There's lots of ways to show CW is fun, and to bait a newbie into trying it, and maybe some will stick with it.

Much better than the old "That's just the NCI/No Coders whine." line of garbage.

I'm pretty sick of the "That's just the NCI/No Coders whine" whine. It's getting pretty old hearing that CW is the salvation of all that's good and holy. Maybe the only way to get rid of the whine is to get rid of CW. And really, that's gonna happen if this STAYS divided.

Mike

```
> In a message dated 01/27/2000 10:35:44 AM Eastern Standard Time,
ku7y@dri.edu
> writes:
>
> > Hi All,
> >
> > I'm still trying to get 2 + 2 to = 4 when it comes to how many
> > hams we are loosing.....
> >
> > Almost everyone here has complained at one time or another about
> > the QRM getting worse and worse on the bands. Just so hard to
> > find and KEEP a clear spot....
```

> >
> > Yet many of the same people moan the standard "whine" that ham
> > radio is drying up and that we need more operators.
> >
> > So what I'm hearing is that less hams = more QRM and that
> > more hams = less QRM.
> >
> > For some reason that just doesn't seem to add up in my book.
> >
> > Now we all know that the QRM is really worse than it was several
> > years ago, so, do you suppose that the other end of that argument
> > might just be wrong?
> >
> > OK, back in my hole....
> >
> > 73, Ron
> Ron,
> That's just the NCI/No Coders whine.
> I have been on air for about 7 years, and if anything the CW bands are
> getting more crowded. I have heard the spin that the Novice portion of
> 80 was
> also dead, well this week alone I have logged several Q's.
>
> 72, 73, oo's
> Dan, N8IE Kettering, Oh

Date: Thu, 27 Jan 2000 13:53:24 -0800
From: charles kadesch <chas@digizen.net>
To: michael.d.wyman@intel.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [61435] POQET logging (Re: SRAM solution)
Message-ID: <3890BE54.1C71AEA2@digizen.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

For those with the POQETs (nice QRP logging machines), you might want
check out PC DOS version 7. It includes Stacker and PCMCIA support as
DOS optional tools.

-72-
Chas W3KC

Date: Thu, 27 Jan 2000 10:18:05 -0800
From: "John Moriarity" <k6qq@hdo.net>
To: <ku7y@dri.edu>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [61436] Re: QRM
Message-ID: <005301bf68f8\$eebff980\$04424cd1@k6qq>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Ron wrote:

> Now we all know that the QRM is really worse than it was several
> years ago, so, do you suppose that the other end of that argument
> might just be wrong?

And if there are so many fewer hams, why are we running out of
call signs??

72,

John, K6QQ

Alturas, CA, at the corner of 299 & 395.

Date: Thu, 27 Jan 2000 11:01:07 -0800
From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [61437] WE6W Resonant Speaker Project.
Message-ID: <389095F3.86351159@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Gang, I'm back in the saddle and working
on my Resonant Speaker project.

As many of you know, especially those who
visited my demonstration at last years' Norcal
meeting :) This passive speaker has a tunable
and narrow passband and is 10 times more efficient
than the same speaker in a typical enclosure.

Well, with only about 60 Hz, 6 dB bandwidth, the filter is narrow. I'm currently working on defeating the filter "Q" when searching the band.

Additionally, the efficiency at resonance was blowing out the .1W and .5 Watt speakers even at low volume.

I bought a 1 Watt speaker from Sam Imai at Pacificon (Thanks Sam!), and will be creating a new chambered box/system for it.

I'm also investigating a passive phasing system using two speakers.

If anyone has suggestions on a speaker phasing design with potentiometer and capacitor already published, I'd rather go there for application. My interest is in 0-180 degree control. I know how to do 0-360 degrees with a center tapped XFMR but that would be large. Also, I want to keep the losses down so I can balance the power drive to the two speakers. I expect that will be a separate pad to the non-phase adjusted speaker.

If all goes well, the latest proto could be ready for a demo in March or April at the Norcal meeting.

Take care. 72/Ed we6w

--

-72/Ed WE6W; AR Millennium Q's=> 2479/2000 A-1 OP

<http://www.qsl.net/we6w> Santa Rosa, CA

QRP-Z#106 AR#112 HI-QRP#64 ARCI#9397 ARS#275 QRP-L#1068 Old NC#2227

Date: Thu, 27 Jan 2000 14:15:11 -0500

From: "Mike Yetsko" <myetsko@insydesw.com>

To: <chas@digizen.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [61438] Re: POQET logging (Re: SRAM solution)

Message-ID: <00ac01bf68fa\$de45eae0\$9001a8c0@wn.net>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Can anyone tell me the 'socket' controller in a Poqet?

Mike

Date: Thu, 27 Jan 2000 14:17:42 -0500
From: "Randy Randall" <RANDALLR@Healthall.com>
To: <qrp-1@Lehigh.EDU>, <henmel@worldnet.att.net>
Subject: [61439] Re: FA: Heath HW-8 with mods
Message-ID: <s890538e.013@healthall.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable
Content-Disposition: inline

I agree wholeheartedly. =20

Randy.

Randy E. Randall
Network Engineer
The Health Alliance of Greater Cincinnati
3200 Burnet Ave.
Cincinnati, Ohio 45229
Ph. 513-585-7146
Fax 513-585-7159

>>> Norm Melick <henmel@worldnet.att.net> 01/27 3:08 AM >>>
RLucch2098@aol.com wrote:

>=20

> I put a real nice Heathkit HW-8 on Ebay, there is no reserve and has =
pictures.

> This notice is for interested parties, others need not reply!

Most of us follow E-bay, rec.radio.swap,
rec.radio.amateur.equipment, etc.=20
Please post your adds over there, and stop using this list
to start bidding wars on merchandise you purchase for re
sell.

Thank you.

Norm Melick/KQ6SD

Date: Thu, 27 Jan 2000 11:17:42 PST
From: "Brad Hernlem" <alihernlem@hotmail.com>
To: qrp-1@lehigh.edu
Subject: [61440] PC power supplies
Message-ID: <20000127191742.67321.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

From: Eddie (Eddie@nac.net)
>Has anyone converted a PC power supply for use in ham operation that can
>describe to me how to do this please?

Hmmm I am right in the middle of converting a PC
power supply (or rather "using the components of a PC
power supply ...") to build a HV regulated power supply
for a 2BP1 CRT (with possible radio applications).

First thing I did was dismantle the big ferrite transformer
and rewound it with a whole RS spool of #30 magnet wire,
doped it, layered it with plastic insulation and wound a
couple dozen more primary turns on top.

I am driving the transformer using the MB3759 (Jap TL494)
providing pulses to a power MOSFET to switch it on and off.
Output is going through a 4000V full wave bridge.

The transformer seems to "peak" at about 13.5 kHz, which is unfortunate
because I can still hear that frequency (but not for long, maybe :-). Above
that it draws excessive current.

Am in the process of working out the feedback loop. The output
voltage is strongly dependent on the load so this may take some doing.

Yeah, this doesn't have anything to do with your question but I thought that
I'd bring it up since it was at least marginally on topic.

Brad

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Thu, 27 Jan 2000 11:17:05 -0800
From: Ed Loranger <we6w@qsl.net>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [61441] QRQ Net Practic Sentences
Message-ID: <389099B1.3CC8F1F1@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Here are the practice sentences for the upcoming
QRQ Nets.

13-24 WPM Sending Practice, "QRQ Low-end"
7039 KHz, 6 PM Sunday, (0200Z Monday UTC)

18-40+ WPM Sending Practice, "QRQ Hi-end"
7039 KHz, 7 PM Sunday, (0300Z Monday UTC)

- #1. The Optimized Wideband Antenna, OWA, uses
feedpoint matching designed by WA3FET.
- #2. The bootstrapping circuit overcomes input
impedance shunting in many active circuits.
- #3. Biased Back-to-Back varicaps in VCO's help
eliminate FM caused by the output signal.

Remember "-" is dahdididididaH. (If you want to practice
it.)

See you there. 72/Ed we6w

--

-72/Ed WE6W; AR Millennium Q's=> 2479/2000 A-1 OP

<http://www.qsl.net/we6w> Santa Rosa, CA

QRP-Z#106 AR#112 HI-QRP#64 ARCI#9397 ARS#275 QRP-L#1068 Old NC#2227

Date: Wed, 26 Jan 2000 20:04:56 +0000
From: "Mel Evans, Registered Arachne User" <mel@euramcom.freemove.co.uk>
To: qrp-1@lehigh.edu
Cc: gqrp@onelist.com
Subject: [61442] Fw: St. Max
Message-ID: <E12Dui0-0000PC-00.2000-01-27-19-36-25@mail12.svr.pol.co.uk>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

----- Forwarded message begin -----

From: Jon Iza <iapizloj@bi.ehu.es>

Hi, Mel,
it was Father Maximilian Kolbe, SP3RN, who died in a WW2 concentration
camp. He exchanged himself for another prisoner who was condemned to death
on the gas chamber.
Be well
jon, ea2sn

--
Dr. Jon Iza / Chem.& Environ. Engng. / University of the Basque Country
Escuela de Ingenieros / Alda. Urquijo s/n / E-48013 Bilbao -Spain-
Ph +34-946014098 Fax +34-946014179 <mailto:iapizloj@bi.ehu.es>
Goza de tu poco, mientras busca mas el loco Ham: ea2sn (a real qrp'er)
** "What hath God wrought?" ---- World's first e-mail (1844) **

----- Forwarded message end -----

See, this list always comes up trumps! Jon has sent me the info as
above. Surely a fine candidate for a patron Saint of QRP'ers?

Back to Rev. George!

Regards

Mel

Visit Mel's EURAMCOM pages for US/Euro Equivalent Parts
Resistors, Capacitors, Tubes, Color Codes, Wiring and more!

<http://www.euramcom.freemove.co.uk>

NEW! add your own homepage link INSTANTLY to the EurAmCom Pages

e-mail to: gm6jag@arrl.net
or: mel@euramcom.freemove.co.uk

72 & 73 de Mel
GM6JAG
Edinburgh Scotland UK
Home of the last HW9

Arachne, the Internet Suite and "QRP" Browser for DOS, supports tables,
graphics, animations, forms, HTML 4.0 Transitional Pages and more!

<http://www.arachne4dos.freemove.co.uk>

Date: Thu, 27 Jan 2000 11:41:06 -0800
From: Dave Barrett <DBarrett@creo.com>
To: "'QRP-L'" <qrp-l@Lehigh.EDU>
Subject: [61443] OT...Contoured Freq Response Headphones
Message-ID: <BFEEFC3386986D2119C0800A0C99B5DE60118717B@msgcreo3.creo.bc.ca>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Hi Learned One's

Does anyone know how the manufacturers Contour a set of headphones for voice only frequency response.....are they fitted with special drivers or do they just stick a capacitor in series with the standard driver??

Someone was asking t'other day about good quality / comfortable full earcup headphones, I have built before and am about to do another pair using cheap full cup ear protector style phones and inserting two small speakers, before starting thought I'd ask the above question so one can set 'em up for best audio response curve.

Dave VA7DB (Ex VE7PCC) Vancouver BC Canada

Date: Thu, 27 Jan 2000 14:54:58 -0500
From: "Randy Randall" <RANDALLR@Healthall.com>
To: <qrp-l@Lehigh.EDU>, <mpupeza@softecsystech.com>
Subject: [61444] Re: Which is best chargeable Battery Pack!
Message-ID: <s8905c62.067@healthall.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable
Content-Disposition: inline

I have the Statpower Portawatts power pack and have found it to be one of = the best all around battery packs out there currently. 17 Ah replaceable = battery (I can't tell who the manufacturer of the battery is because of a = foam rubber pad glued to it, but it has the solid lead terminals instead = of the lighter steel ones. Looks like a good one.), 300 watt inverter, = auto shutoff charger and a lighter socket on a 12 A circuit breaker. They = have a picture of it on the Statpower web site. Walmart had a pack (I = think it was made by Solar.) that had two 17 Ah batteries in it and a 300 = watt inverter. I bought one and took it back. Too heavy and not that = well made for the money, but it had a GFI outlet if that is important to = you. I have an older one made by Innova Products that has held up well =

over the 5 + years that I have had it. 7 Ah battery with a built in =
automatic charger. Nice small size and a shoulder strap. I added some =
binding posts to this one. If you could find one of these it would be =
better suited for mountain top operation, but they are no longer being =
made. If you can find a used one even if it has a bad battery GRAB IT! =
The replacement batt. is very common and easily found. Cheap too. You =
won't be disappointed.

Randy.

p.s. There is a 50 A Anderson power pole connector on the Portawatts for =
those QRO rigs also. I added a double binding post to mine. Plenty of =
room inside to do this and it looks factory. =20

Randy E. Randall
Network Engineer
The Health Alliance of Greater Cincinnati
3200 Burnet Ave.
Cincinnati, Ohio 45229
Ph. 513-585-7146
Fax 513-585-7159

>>> "Mike Pupeza" <mpupeza@softecs.net> 01/26 4:49 PM >>>

I guess that I missed the threads on the best deals on portable battery
packs, suitable for QRP equipment in the field. I didn't need one at the
time, now I'm interested.

Ain't that always the way?

I'm looking to buy one of those encased battery packs with handle, =
charger,
Cigarette Lighter power socket, and a 12V gel-cell battery of 7 Amp/hrs or
greater. Preferably one that can come apart to replace the battery.

I've seen them in Walmart and Sporting Goods stores, but never paid much
attention.

I want to be able to run my NorCal Cascade, LDG Tuner, or my Laptop =
through
a Statpower AC adapter.

Where are the 'best' deals?

Thanks es 72, 73

Mike Pupeza VE3EQP

Date: Thu, 27 Jan 2000 15:17:47 +0000
From: "Steven Weber" <kd1jv@moose.ncia.net>
To: qrp-1@lehigh.edu
Subject: [61445] HB audio freq DDS
Message-ID: <200001271957.0AA09215@wolf.ncia.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Hi Gang,

I built an audio frequency DDS out of a Atmel AVR cpu and 8 bit DAC. Turns out it wasn't all that hard to do, and was quite gratifying when it started to produce a sine wave!

I never paid a whole lot of attention to how DDS works, always just hooked up the chip and sent it data. After a little reading, I realised it was quite simple to implement in software. The Phase Accumulator is simply a 32 bit add routine, which repetitively adds the phase word to it's previous sum. By the magic of binary addition, this results in a repeating, linear phase ramp. The 8 MSB's of the result are used to address a sine look up table, which is then sent to the DAC.

Most of the work was calculating out all the sine amplitude values for the look up table. Currently, I'm using 11.5 degree increments, but could be made 8 times finer. I'll eventually calculate out all the steps. Max freq out is only about 30KHz. 30 KHz is about 1/3d of the internal update frequency of the phase accumulator, so this is about as high as you can reasonably go. This is far from being a really good DDS, and the program still needs some refinement, but it works :-)

Why bother? Well, I needed a stable, low frequency VFO to use as a tunable reference in a PLL osc scheme. Using a real DDS chip seemed to be a waste and needs a cpu to run it anyway. So, by making my own, I eliminate the need for the somewhat hard to get DDS chip. Plus it was fun to figure out how to do it :-)

72,

Steve, KD1JV in the white Mountains of New Hampshire
"melt solder"

Date: Thu, 27 Jan 2000 13:31:36 -0700
From: Bruce Kizerian <kizerian@ced.utah.edu>
To: we6w@qsl.net, qrp-1@Lehigh.EDU
Subject: [61446] Re: WE6W Resonant Speaker Project.
Message-ID: <3890AB28.BC5868E5@ced.utah.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Ed

Do you have any idea what the Q of your resonant speaker?

Bruce kk7zz

Date: Thu, 27 Jan 2000 15:06:36 -0600
From: Sam_Stimson@Dell.com
To: qrp-1@lehigh.edu
Subject: [61447] Shareware
Message-ID: <5F97C32016F1D1119B1700A0C98422E702D76238@ausxmbrh05.us.dell.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Thanks to everyone for all the nice response. The URL for Proteus was the one

I was looking for.....

Sam
N5WU

Date: Thu, 27 Jan 2000 16:09:03 -0500
From: Mike Srock <msrock@ufc.com>
To: "'qrp-1@lehigh.edu'" <qrp-1@lehigh.edu>
Subject: [61448] re: pc power supplies
Message-ID: <01BF68E0.D9F1AAC0.msrock@ufc.com>

>Has anyone converted a PC power supply for use in ham operation that can
>describe to me how to do this please? Also does any one know who sells 50
>amp stud diodes?

Eddie,

Don't know about the diodes but as for the power supply, I just opened it up, cut
off all the old connectors,
installed 2 banana jacks and I have 12v at 10 amps for my packet station. Works
great!

Good luck!

Mike

Date: Thu, 27 Jan 2000 16:31:26 EST
From: Davewb4@aol.com
To: qrp-l@lehigh.edu
Subject: [61449] Lightning Protection
Message-ID: <fb.173b61d.25c2132e@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Gang:

If you think because you disconnect the coax from the rig you are protected
from a disaster you might want to go to www.polyphaser.com (technical
section) and read Document ID:PTD 1016. "Ham Radio Station Protection" Eleven
pages of eye openers.

73

Dave Rogers
WB4CHK

Date: Thu, 27 Jan 2000 17:05:54 -0500
From: "Ron Polityka" <wb3aal@talon.net>
To: ". QRP-L" <qrp-l@Lehigh.EDU>
Subject: [61450] Contest Calendar 2000 for QRP
Message-ID: <012201bf6912\$af185b00\$7de508cf@wb3aal>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello Everyone,

First off I would like to thank everyone that has purchased the Eastern PA QRP Clubs first annual QRP Contest Calendar for the year 2000. Next years calendar is already in the works and it will have color photos of different QRP rigs. We plan to feature the winners of the kit Building Contest at the different QRP Forums through out the year. I need someone to take pictures at the following forums: Ft. Smith, Hamcom, Ft. Tuthill and Pacificon. If you plan to attend any of those events please e-mail me direct. I need some photos taken.

If you have purchased a calendar and you noticed that I missed a QRP event please let me know.

Now if anyone would like to still purchase a QRP Contest Calendar please e-mail me direct with your request. We still have some calendars in stock. If you would like to know more about the calendar please check out www.n3epa.org .

Thanks,

72 & 73
Good DXing

Ron Polityka
de WB3AAL
wb3aal@talon.net

vvv Eastern Pennsylvania QRP Web Page vvv
<http://www.n3epa.org>
Eastern Pennsylvania QRP Club Call --> N3EPA

Date: Thu, 27 Jan 2000 17:13:55 EST
From: K2UD@aol.com
To: qrp-l@lehigh.edu
Subject: [61451] Re: My 6M ignorance
Message-ID: <54.d2cb0a.25c21d23@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

I can't agree either. 6M is a great QRP band. When there is a good opening, QRP works as well as high power, I have found. Your 3W can be 40-60 over

when the going is good.

Yagis on 6M, absolutely! I consider 3 elements to be minimalist on this band. 3 elements is simply not very large on 6M, and really helps your QRP signal here. My favorite is an old Hi-Par Hilltopper 3 element collapsible yagi. Why don't they make these any more? 6 elements is a good goal to reach for those who choose lower power on 6.

Best DX, NY to KS, SSB, during the June VHF QSO Party, 3W (maybe, batteries were real low) using the built-in whip on my IC-502! It WAS one of the hottest reported conditions during a contest, I will admit. 700 miles with 250mw into a halo antenna earned my 1000 mile/watt award (also SSB).

Guys, when 6M is open, it can be wild. Minutes later, it can be dead! Field Day is real hot on 6M. Heard stations on there with 600-700 Q's on that band alone during the contest.

72

Howard Kraus, K2UD

Date: Fri, 28 Jan 2000 09:29:43 +1100
From: "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [61452] Re: Lightning Protection
Message-ID: <3890C6D6.6C5DEBBD@integritynet.com.au>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Davewb4@aol.com wrote:

> If you think because you disconnect the coax from the rig you are protected
> from a disaster you might want to go to www.polyphaser.com (technical
> section) and read Document ID:PTD 1016. "Ham Radio Station Protection"

Guys I don't want to appear to be a nit picking nark, but with particularly interesting posts like this which contain pointers to a web site, could we all preface the address with the http bit as in:

<http://www.polyphaser.com>

Being a little more specific

<http://www.polyphaser.com/download/PTD1016.pdf>

is even better still. If you have seen the page, consider it is interesting, then the copy URL and paste it in your email. Helps us all to get there in one click.

Dave, I'm not having a go at you individually only citing it as one example among many. Ordinarily I would have responded to you in private yet this happens so often I felt everyone should be made aware of it. I think Chuck also raised this issue some time back.

Back under the house

72/73's

Ian Purdie Budgewoi N.S.W. Australia - Co-ords 33o:14' S 151o:34' E
My FREE Newsletter:- <mailto:vk2tip@qsl.net?Subject=Subscribe>
VK2TIP "I'll give you the TIP mate" QRP-L member #1978.
URL - <http://www.integritynet.com.au/~purdic/>

Date: Thu, 27 Jan 2000 18:00:18 -0500
From: "Franco, Nicholas J" <franco@bnl.gov>
To: "'qrp-l@lehigh.edu'" <qrp-l@lehigh.edu>
Subject: [61453] FOX Alert: Final Warning
Message-ID: <698DB793D712D31180B600902746422D50BBA4@exchange01.bnl.gov>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

OK - this is it! I think I'm ready for y'all. I have my flack jacket on and I stained the tip of my tail darker for camoflauge.

I'll be on 7.043 TX start at 0200 UTC TONIGHT!

Be daah - to bag da NY Fox - coming to you from the RF Black Hole of Patchogue, Long Island, NY

72 es Good Hunting to All,

Nick - kf2ph . .
QRP-L # 13

PS: Don't forget to spread out. I kind of like the upper side but I'll bounce around.

--
Nicholas J. Franco <>< BROOKHAVEN NATIONAL LABORATORY

Systems Administrator Collider-Accelerator Department
Tel: (516) 344-5467 UPTON, NY 11973-5000
Fax: (516) 344-2833 Ham Call: KF2PH
<mailto:nickf@bnl.gov> <http://www.rhichome.bnl.gov/People/franco>

Date: Thu, 27 Jan 2000 15:23:03 -0800
From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [61454] Re: WE6W Resonant Speaker Project.
Message-ID: <3890D357.2AC07BF6@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Folks, I fogot to copy the list with my
response to bruce.

Here is is now:

Bruce asked:
>Do you have any idea what the Q of your resonant speaker?

>Bruce kk7zz

It has a 60 hz bandwidth at 6 dB down.
3 dB B/W is about 42 Hz.

So I think that is 11 or so at 700 Hz.

-Ed

--

-72/Ed WE6W; AR Millennium Q's=> 2479/2000 A-1 OP
http://www.qsl.net/we6w Santa Rosa, CA
QRP-Z#106 AR#112 HI-QRP#64 ARCI#9397 ARS#275 QRP-L#1068 Old NC#2227

Date: Thu, 27 Jan 2000 15:30:09 -0800 (PST)
From: Monte Stark <ku7y@dri.edu>
To: Low Power Amateur Radio <qrp-l@Lehigh.EDU>
Subject: [61455] WBL Paddles and de Fox
Message-ID: <Pine.GSO.4.10.10001271529320.24052-1000000@rotor.dri.edu>
MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi All,

My wife just called and said there was a box from WBL and that it was heavy.....

That's sounds like a good excuse to go home early to me!

Watch out Mr. Fox.....I'll be using some new ammo tonight!

cul,

73, Ron

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@dri.edu....Washoe Lake, Nevada....NRA LIFE....
.....SOWP 5545M.....WHINERS #1.....ZOMBIE #18.....

Date: Thu, 27 Jan 2000 18:35:05 -0500 (EST)

From: n2go@arrl.net

To: qrp-1@Lehigh.EDU

Subject: [61456] Trade Argosy II for microscope

Message-ID:

<Pine.LNX.4.20.0001271826380.4351-100000@valhalla.valhalla.buffalo.edu>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

Hello,

I am looking for a Stereo zoom microscope for work on projects.
Something that magnifies from 7x up to 30x or 40x would be fine.
Lighting would be nice. Rack mount or stand would be OK.
Could trade my Argosy II 525D, PS,mike, and voice annunciator.

Anyone out there have one they may have acquired as surplus from work or university????

73,

Jim n2go

Date: Thu, 27 Jan 2000 15:19:28 -0800 (PST)
From: Jim Hale <kj5tf@yahoo.com>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [61457] Question abt 160M & snow cover
Message-ID: <20000127231928.21095.qmail@web704.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Just got snow all over Arkansas, and wondering if this helps 160M?

I heard somewhere that snow makes for better condx on 160M. Less QRN, maybe?

In case this is correct, I will be watching 160M evenings, and mornings. And be looking for a new miles per watt record! Or at least some mW fun if condx allow.

Dan N4ROA & Diz WB8QYY be on your toes! I'll break your record! hi hi

Watch for me around 1.810MHz evenings & early, like 5AM central time.

Oh BTW, my webpage has been reworked, & should load faster now.

<http://www.madisoncounty.net/~kj5tf/>

72/3's de Jim KJ5TF

=====

Ham radio/alt energy - <http://www.qsl.net/kj5tf/>
<http://www.madisoncounty.net/~kj5tf/>
Milliwatting Editor ARCI QRP Quarterly
Join/renew membership QRP Amateur Radio Club International
<http://www.qrparci.org/arcijoin.html>
AR QRP#2 - Kingston, Arkansas 35.94N 93.47W
Private email kj5tf@madisoncounty.net

Do You Yahoo!?
Talk to your friends online with Yahoo! Messenger.
<http://im.yahoo.com>

End of QRP-L Digest 1713
